

WEB ICONS - QUICK GUIDE

http://www.tutorialspoint.com/web_icons/web_icons_quick_guide.htm

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WEB ICONS - INTRODUCTION

An icon is a symbol that is used to represent a specific action or a capability on a webpage. Icons are used in documents as well as applications and they can be either selectable or non-selectable. For example, the images that we see on the buttons of an application are all icons and these buttons are selectable. Similarly, when we use an icon as a company logo, it is normally non-selectable.

In Windows environment, if we mute the system volume, it will be represented with the help of an icon, as shown below.



Using web icons, we can represent a loading page, a disabled option, a link, a redirection, etc. These icons can be flipped, rotated, resized, bordered, inverted, and colored.

Icon Fonts

Icon Fonts contain symbols and glyphs. Once you load a desired font, you can use any of the icons provided by that font using the class name of the icon. We can also apply different colors to the icons and resize them using the CSS properties. There are several icon libraries *fonts* that provide icons. This tutorial focuses on three main fonts, namely –

- Font Awesome
- Bootstrap Glyphicons
- Google's Material Icons

Font Awesome

This font provides 519 free scalable vector icons. This library is completely free, for both personal as well as commercial use. These icons can be customized easily. Originally, they were developed for Bootstrap.

Bootstrap Glyphicons

This is a library of monochromatic icons available in raster image formats, vector image formats, and as fonts. It provides over 250 glyphs in font format. You can use these fonts in your web projects. These icons are not free, however you can use them in Bootstrap based projects without having to purchase them.

Google's Material Icons

Google provides about 750 icons designed under "material designed guidelines" and these are known as **Material Design** icons. These icons are simple and they support all modern web browsers. Since these icons are vector based, they are scalable as well. To use these icons, we have to load the font *library* **material-icons**.

FONT AWESOME ICONS

Font Awesome icons library provides 519 free scalable vector icons. This library is completely free for both personal and commercial use. Originally designed for Bootstrap, these icons can be

customized easily.

Loading the Font Library

To load the Font Awesome library, copy and paste the following line in the <head> section of the webpage.

```
<head>
  <link rel = "stylesheet" href = "http://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.3.0/css/font-awesome.min.css">
</head>
```

Using the Icon

Font Awesome provides several icons. Choose one of them and add the name of the icon class to any HTML element within the < body > tag. In the following example, we have used the icon of the Indian currency.

```
<html>
  <head>
    <link rel = "stylesheet" href = "http://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.3.0/css/font-awesome.min.css">
  </head>

  <body>
    <i class = "fa fa-inr"></i>
  </body>
</html>
```

It will produce the following output –



Defining the Size

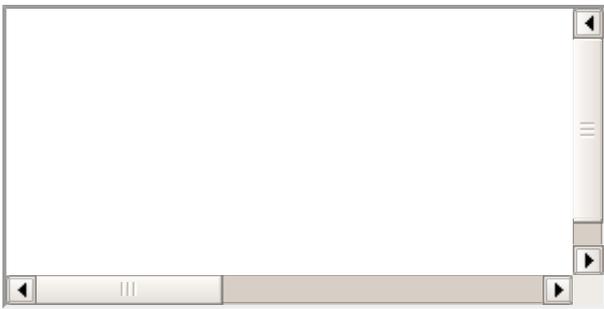
You can increase or decrease the size of an icon by defining its size using CSS and using it along with the class name, as shown below. In the given example, we have declared the size as 6 em.

```
<html>
  <head>
    <link rel = "stylesheet" href = "http://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.3.0/css/font-awesome.min.css">

    <style>
      i.mysize {font-size: 10em;}
    </style>
  </head>

  <body>
    <i class = "fa fa-inr mysize"></i>
  </body>
</html>
```

It will produce the following output –



Defining the Color

Just like size, you can define the color of the icons using CSS. The following example shows how to change the color of the Indian currency icon.

```
<html>
  <head>
    <link rel = "stylesheet" href = "http://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.3.0/css/font-awesome.min.css">

    <style>
      i.custom {font-size: 6em; color: red;}
    </style>
  </head>

  <body>
    <i class = "fa fa-inr custom"></i>
  </body>
</html>
```



List of Categories

Font Awesome provides 519 icons in the following categories –

- Web Application Icons
- Hand Icons
- Transportation Icons
- Gender Icons
- File Type Icons
- Spinner Icons
- Form Control Icons
- Payment Icons
- Chart Icons
- Currency Icons
- Text editor Icons
- Directional Icons

<i ><lt;/i>

<i ></i>

<i ></i>

<i ></i>

FONT AWESOME - HAND ICONS

This chapter explains the usage of Font Awesome Hand icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```
<html>
  <head>
    <link rel = "stylesheet" href = "http://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.3.0/css/font-awesome.min.css">

    <style>
      i.custom {font-size: 2em; color: gray;}
    </style>

  </head>

  <body>
    <i class = "fa fa-adjust custom"></i>
  </body>

</html>
```

The following table shows the usage and the results of Font Awesome Hand icons. Replace the < body > tag of the above program with the code given in the table to get the respective outputs –

Usage	Result
-------	--------

<i ></i>

FONT AWESOME - TRANSPORTATION ICONS

This chapter explains the usage of Font Awesome Transportation icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```
<html>
  <head>
    <link rel = "stylesheet" href = "http://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.3.0/css/font-awesome.min.css">

    <style>
      i.custom {font-size: 2em; color: gray;}
    </style>

  </head>

  <body>
    <i class = "fa fa-adjust custom"></i>
  </body>

</html>
```

The following table shows the usage and the results of Font Awesome Transportation icons. Replace the < body > tag of the above program with the code given in the table to get the respective outputs –

Usage	Result
<i ></i>	

FONT AWESOME - GENDER ICONS

This chapter explains the usage of Font Awesome Gender icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```
<html>
  <head>
    <link rel = "stylesheet" href = "http://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.3.0/css/font-awesome.min.css">

    <style>
      i.custom {font-size: 2em; color: gray;}
    </style>

  </head>

  <body>
    <i class = "fa fa-adjust custom"></i>
  </body>

</html>
```

The following table shows the usage and the results of Font Awesome Gender icons. Replace the <body > tag of the above program with the code given in the table to get the respective outputs –

Usage	Result
<i ></i>	

FONT AWESOME - FILE TYPE ICONS

This chapter explains the usage of Font Awesome File Type icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```
<html>
  <head>
    <link rel = "stylesheet" href = "http://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.3.0/css/font-awesome.min.css">

    <style>
      i.custom {font-size: 2em; color: gray;}
    </style>

  </head>

  <body>
    <i class = "fa fa-adjust custom"></i>
  </body>

</html>
```

```

    </style>

</head>

<body>
  <i class = "fa fa-adjust custom"></i>
</body>

</html>

```

The following table shows the usage and the results of Font Awesome File Type icons. Replace the < body > tag of the above program with the code given in the table to get the respective outputs

Usage	Result
-------	--------

<i ></i>

FONT AWESOME - SPINNER ICONS

This chapter explains the usage of Font Awesome Spinner icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```

<html>
  <head>
    <link rel = "stylesheet" href = "http://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.3.0/css/font-awesome.min.css">

    <style>
      i.custom {font-size: 2em; color: gray;}
    </style>

```

```

</head>

<body>
  <i class = "fa fa-adjust custom"></i>
</body>

</html>

```

The following table shows the usage and the results of Font Awesome Spinner icons. Replace the < body > tag of the above program with the code given in the table to get the respective outputs –

Usage	Result
-------	--------

<i ></i>

<i ></i>

<i ></i>

<i ></i>

<i ></i>

FONT AWESOME - FORM CONTROL ICONS

This chapter explains the usage of Font Awesome Form Control icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```

<html>
  <head>
    <link rel = "stylesheet" href = "http://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.3.0/css/font-awesome.min.css">

    <style>
      i.custom {font-size: 2em; color: gray;}
    </style>

  </head>

  <body>
    <i class = "fa fa-adjust custom"></i>
  </body>

</html>

```

The following table shows the usage and the results of Font Awesome Form Control icons. Replace the < body > tag of the above program with the code given in the table to get the respective outputs –

Usage	Result
-------	--------

<i ></i>

<i ></i>

<i ></i>

<i ></i>

<i ></i>

<i ></i>

```
<i ></i>
<i ></i>
<i ></i>
<i ></i>
<i ></i>
```

FONT AWESOME - PAYMENT ICONS

This chapter explains the usage of Font Awesome Payment icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```
<html>
  <head>
    <link rel = "stylesheet" href = "http://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.3.0/css/font-awesome.min.css">

    <style>
      i.custom {font-size: 2em; color: gray;}
    </style>

  </head>

  <body>
    <i class = "fa fa-adjust custom"></i>
  </body>

</html>
```

The following table shows the usage and the results of Font Awesome Payment icons. Replace the < body > tag of the above program with the code given in the table to get the respective outputs

Usage	Result
-------	--------

```
<i ></i>
```

FONT AWESOME - CHART ICONS

This chapter explains the usage of Font Awesome Chart icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```
<html>
  <head>
```

```

<link rel="stylesheet" href = "http://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.3.0/css/font-awesome.min.css">

<style>
  i.custom {font-size: 2em; color: gray;}
</style>

</head>

<body>
  <i class = "fa fa-adjust custom"></i>
</body>

</html>

```

The following table shows the usage and the results of Font Awesome Chart icons. Replace the < body > tag of the above program with the code given in the table to get the respective outputs –

Usage	Result
<i ></i>	

FONT AWESOME - CURRENCY ICONS

This chapter explains the usage of Font Awesome Currency icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```

<html>
  <head>
    <link rel = "stylesheet" href = "http://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.3.0/css/font-awesome.min.css">

    <style>
      i.custom {font-size: 2em; color: gray;}
    </style>

  </head>

  <body>
    <i class = "fa fa-adjust custom"></i>
  </body>

</html>

```

The following table shows the usage and the results of Font Awesome Currency icons. Replace the < body > tag of the above program with the code given in the table to get the respective outputs –

Usage	Result
<i ></i>	
<i ></i>	
<i ></i>	


```
<i ></i>
```

FONT AWESOME - DIRECTIONAL ICONS

This chapter explains the usage of Font Awesome Directional icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```
<html>
  <head>
    <link rel = "stylesheet" href = "http://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.3.0/css/font-awesome.min.css">

    <style>
      i.custom {font-size: 2em; color: gray;}
    </style>
  </head>

  <body>
    <i class = "fa fa-adjust custom"></i>
  </body>
</html>
```

The following table shows the usage and the results of Font Awesome Directional icons. Replace the < body > tag of the above program with the code given in the table to get the respective outputs –

Usage	Result
-------	--------

```
<i ></i>
```

```
<i ></i>
```

<i ></i>

```
<i ></i>
```

FONT AWESOME - VIDEO PLAYER ICONS

This chapter explains the usage of Font Awesome Video Player icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```
<html>
  <head>
    <link rel = "stylesheet" href = "http://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.3.0/css/font-awesome.min.css">

    <style>
      i.custom {font-size: 2em; color: gray;}
    </style>
  </head>

  <body>
    <i class = "fa fa-adjust custom"></i>
  </body>
</html>
```

The following table shows the usage and the results of Font Awesome Video Player icons. Replace the < body > tag of the above program with the code given in the table to get the respective outputs –

Usage	Icons
<i ></i>	
<i ></i>	
<i ></i>	


```

<style>
  i.custom {font-size: 2em; color: gray;}
</style>

</head>

<body>
  <i class = "fa fa-adjust custom"></i>
</body>

</html>

```

The following table shows the usage and the results of Font Awesome Medical icons. Replace the <body > tag of the above program with the code given in the table to get the respective outputs –

Usage	Icon
<i ></i>	

MATERIAL ICONS

Google provides a set of 750 icons designed under "material design guidelines" and these are known as **Material Design** icons. These icons are simple and they support all modern web browsers. Since these icons are vector based, they are scalable as well. To use these icons, we have to load the font *library* **material-icons**.

Loading the Font *library*

To load the material-icons library, copy and paste the following line in the <head> section of a webpage.

```

<head>
  <link href = "https://fonts.googleapis.com/icon?family=Material+Icons" rel =
  "stylesheet">
</head>

```

Using the Icon

Google's Material Icons provides a long list of icons. Choose any one of them and add the name of the icon class to any HTML element within the < body > tag. In the following example, we have used the icon named **accessibility** that belongs to the action category.

```

<!DOCTYPE html>

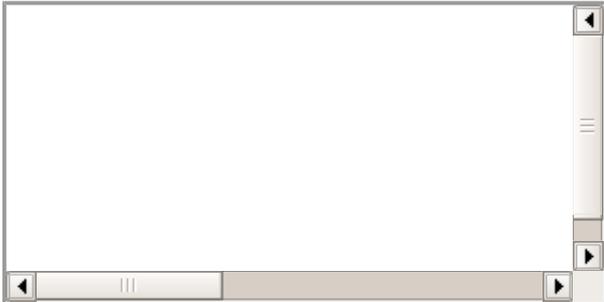
```

```
<html>
  <head>
    <link href = "https://fonts.googleapis.com/icon?family=Material+Icons" rel =
"stylesheet">
  </head>

  <body>
    <i class = "material-icons">accessibility</i>
  </body>

</html>
```

It will produce the following output –



Defining the Size

You can increase or decrease the size of an icon by defining its size in the CSS and using it along with the class name as shown below. In the following example, we have declared the size as 6 em.

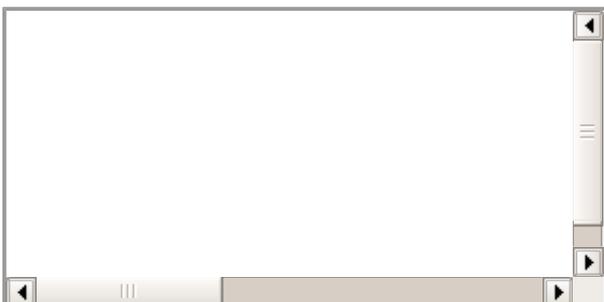
```
<!DOCTYPE html>
<html>
  <head>
    <link href = "https://fonts.googleapis.com/icon?family=Material+Icons" rel =
"stylesheet">

    <style>
      i.mysize {font-size: 6em;}
    </style>
  </head>

  <body>
    <i class = "material-icons mysize">accessibility</i>
  </body>

</html>
```

It will produce the following output –



Defining the Color

You can use the CSS to define the color of an icon. The following example shows how you can change the color of an icon called **accessibility**.

```
<!DOCTYPE html>
```

```
<html>
  <head>
    <link href = "https://fonts.googleapis.com/icon?family=Material+Icons" rel =
"stylesheet">

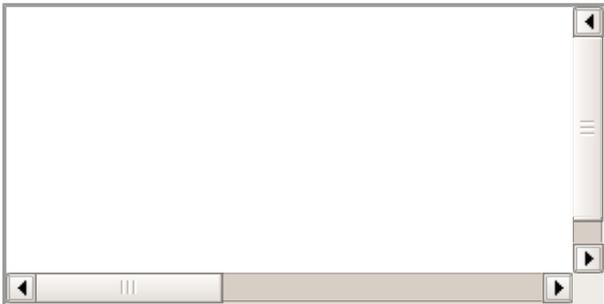
    <style>
      i.custom {font-size: 6em; color: green;}
    </style>

  </head>

  <body>
    <i class = "material-icons custom">accessibility</i>
  </body>

</html>
```

It will produce the following output –



List of Categories

Google's Material Icons font provides 519 icons in the following categories –

- Action Icons
- Alert Icons
- AV Icons
- Communication Icons
- Content Icons
- Device Icons
- Editor Icons
- File Icons
- Hardware Icons
- Image Icons
- Maps Icons
- Navigation Icons
- Notification Icons
- Social Icons
- Toggle Icons

To use any of these icons, you have to replace the class name in the programs given in this chapter with the class name of the desired icon. In the coming chapters of this Unit *MaterialIcons*, we have explained category-wise the usage and the respective outputs of various Material Icons.

MATERIAL - ACTION ICONS

This chapter explains the usage of Google's *Material* Action Icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```

<!DOCTYPE html>
<html>
  <head>
    <link href = "https://fonts.googleapis.com/icon?family=Material+Icons" rel =
"stylesheet">

    <style>
      i.custom {font-size: 2em; color: green;}
    </style>

  </head>

  <body>
    <i class = "material-icons custom">accessibility</i>
  </body>

</html>

```

The following table contains the usage and results of Google's *Material* Action Icons. Replace the <body > tag of the above program with the code given in the table to get the respective outputs –

Usage	Result
<i >3d_rotation</i>	<i>3d_rotation</i>
<i >accessibility</i>	<i>accessibility</i>
<i >account_balance</i>	<i>account_balance</i>
<i >account_balance_wallet</i>	<i>account_balance_wallet</i>
<i >account_box</i>	<i>account_box</i>
<i >account_circle</i>	<i>account_circle</i>
<i >add_shopping_cart</i>	<i>add_shopping_cart</i>
<i >alarm</i>	<i>alarm</i>
<i >alarm_add</i>	<i>alarm_add</i>
<i >alarm_off</i>	<i>alarm_off</i>
<i >alarm_on</i>	<i>alarm_on</i>
<i >android</i>	<i>android</i>
<i >announcement</i>	<i>announcement</i>
<i >aspect_ratio</i>	<i>aspect_ratio</i>
<i >assessment</i>	<i>assessment</i>
<i >assignment</i>	<i>assignment</i>
<i >assignment_ind</i>	<i>assignment_ind</i>
<i >assignment_late</i>	<i>assignment_late</i>
<i >assignment_return</i>	<i>assignment_return</i>
<i >assignment returned</i>	<i>assignment returned</i>

<i >assignment_turned_in</i>	<i>assignment_turned_in</i>
<i >autorenew</i>	<i>autorenew</i>
<i >backup</i>	<i>backup</i>
<i >book</i>	<i>book</i>
<i >bookmark</i>	<i>bookmark</i>
<i >bookmark_border</i>	<i>bookmark_border</i>
<i >bug_report</i>	<i>bug_report</i>
<i >build</i>	<i>build</i>
<i >cached</i>	<i>cached</i>
<i >camera_enhance</i>	<i>camera_enhance</i>
<i >card_giftcard</i>	<i>card_giftcard</i>
<i >card_membership</i>	<i>card_membership</i>
<i >card_travel</i>	<i>card_travel</i>
<i >change_history</i>	<i>change_history</i>
<i >check_circle</i>	<i>check_circle</i>
<i >chrome_reader_mode</i>	<i>chrome_reader_mode</i>
<i >class</i>	<i>class</i>
<i >code</i>	<i>code</i>
<i >credit_card</i>	<i>credit_card</i>
<i >dashboard</i>	<i>dashboard</i>
<i >delete</i>	<i>delete</i>
<i >description</i>	<i>description</i>
<i >dns</i>	<i>dns</i>
<i >done</i>	<i>done</i>
<i >done_all</i>	<i>done_all</i>
<i >eject</i>	<i>eject</i>
<i >event</i>	<i>event</i>
<i >event_seat</i>	<i>event_seat</i>
<i >exit_to_app</i>	<i>exit_to_app</i>
<i >explore</i>	<i>explore</i>
<i >extension</i>	<i>extension</i>

<code><i >face</i></code>	<i>face</i>
<code><i >favorite</i></code>	<i>favorite</i>
<code><i >favorite_border</i></code>	<i>favorite_border</i>
<code><i >feedback</i></code>	<i>feedback</i>
<code><i >find_in_page</i></code>	<i>find_in_page</i>
<code><i >find_replace</i></code>	<i>find_replace</i>
<code><i >flight_land</i></code>	<i>flight_land</i>
<code><i >flight_takeoff</i></code>	<i>flight_takeoff</i>
<code><i >flip_to_back</i></code>	<i>flip_to_back</i>
<code><i >flip_to_front</i></code>	<i>flip_to_front</i>
<code><i >get_app</i></code>	<i>get_app</i>
<code><i >gif</i></code>	<i>gif</i>
<code><i >grade</i></code>	<i>grade</i>
<code><i >group_work</i></code>	<i>group_work</i>
<code><i >help</i></code>	<i>help</i>
<code><i >help_outline</i></code>	<i>help_outline</i>
<code><i >highlight_off</i></code>	<i>highlight_off</i>
<code><i >history</i></code>	<i>history</i>
<code><i >home</i></code>	<i>home</i>
<code><i >hourglass_empty</i></code>	<i>hourglass_empty</i>
<code><i >hourglass_full</i></code>	<i>hourglass_full</i>
<code><i >http</i></code>	<i>http</i>
<code><i >https</i></code>	<i>https</i>
<code><i >info</i></code>	<i>info</i>
<code><i >info_outline</i></code>	<i>info_outline</i>
<code><i >input</i></code>	<i>input</i>
<code><i >invert_colors</i></code>	<i>invert_colors</i>
<code><i >label</i></code>	<i>label</i>
<code><i >label_outline</i></code>	<i>label_outline</i>
<code><i >language</i></code>	<i>language</i>
<code><i >launch</i></code>	<i>launch</i>

<i >list</i>	<i>list</i>
<i >lock</i>	<i>lock</i>
<i >lock_open</i>	<i>lock_open</i>
<i >lock_outline</i>	<i>lock_outline</i>
<i >loyalty</i>	<i>loyalty</i>
<i >markunread_mailbox</i>	<i>markunread_mailbox</i>
<i >note_add</i>	<i>note_add</i>
<i >offline_pin</i>	<i>offline_pin</i>
<i >open_in_browser</i>	<i>open_in_browser</i>
<i >open_in_new</i>	<i>open_in_new</i>
<i >open_with</i>	<i>open_with</i>
<i >pageview</i>	<i>pageview</i>
<i >payment</i>	<i>payment</i>
<i >perm_camera_mic</i>	<i>perm_camera_mic</i>
<i >perm_contact_cale</i>	<i>perm_contact_cale</i>
<i >perm_data_settings</i>	<i>perm_data_settings</i>
<i >perm_device_information</i>	<i>perm_device_information</i>
<i >perm_identity</i>	<i>perm_identity</i>
<i >perm_media</i>	<i>perm_media</i>
<i >perm_phone_msg</i>	<i>perm_phone_msg</i>
<i >perm_scan_wifi</i>	<i>perm_scan_wifi</i>
<i >picture_in_picture</i>	<i>picture_in_picture</i>
<i >play_for_work</i>	<i>play_for_work</i>
<i >polymer</i>	<i>polymer</i>
<i >power_settings_new</i>	<i>power_settings_new</i>
<i >print</i>	<i>print</i>
<i >query_builder</i>	<i>query_builder</i>
<i >question_answer</i>	<i>question_answer</i>
<i >receipt</i>	<i>receipt</i>
<i >redeem</i>	<i>redeem</i>
<i >reorder</i>	<i>reorder</i>

<i >report_problem</i>	<i>report_problem</i>
<i >restore</i>	<i>restore</i>
<i >room</i>	<i>room</i>
<i >schedule</i>	<i>schedule</i>
<i >search</i>	<i>search</i>
<i >settings</i>	<i>settings</i>
<i >settings_applications</i>	<i>settings_applications</i>
<i >settings_bluetooth</i>	<i>settings_bluetooth</i>
<i >settings_brightness</i>	<i>settings_brightness</i>
<i >settings_cell</i>	<i>settings_cell</i>
<i >settings_ethernet</i>	<i>settings_ethernet</i>
<i >settings_input_antenna</i>	<i>settings_input_antenna</i>
<i >settings_input_component</i>	<i>settings_input_component</i>
<i >settings_input_hdmi</i>	<i>settings_input_hdmi</i>
<i >settings_input_svideo</i>	<i>settings_input_svideo</i>
<i >settings_overscan</i>	<i>settings_overscan</i>
<i >settings_phone</i>	<i>settings_phone</i>
<i >settings_power</i>	<i>settings_power</i>
<i >settings_remote</i>	<i>settings_remote</i>
<i >settings_voice</i>	<i>settings_voice</i>
<i >shop</i>	<i>shop</i>
<i >shop_two</i>	<i>shop_two</i>
<i >shopping_basket</i>	<i>shopping_basket</i>
<i >shopping_cart</i>	<i>shopping_cart</i>
<i >speaker_notes</i>	<i>speaker_notes</i>
<i >spellcheck</i>	<i>spellcheck</i>
<i >star_rate</i>	<i>star_rate</i>
<i >stars</i>	<i>stars</i>
<i >store</i>	<i>store</i>
<i >subject</i>	<i>subject</i>
<i >supervisor_account</i>	<i>supervisor_account</i>

<i >swap_horiz</i>	<i>swap_horiz</i>
<i >swap_vert</i>	<i>swap_vert</i>
<i >swap_vertical_circle</i>	<i>swap_vertical_circle</i>
<i >system_update_alt</i>	<i>system_update_alt</i>
<i >tab</i>	<i>tab</i>
<i >tab_unselected</i>	<i>tab_unselected</i>
<i >theaters</i>	<i>theaters</i>
<i >thumb_down</i>	<i>thumb_down</i>
<i >thumb_up</i>	<i>thumb_up</i>
<i >thumbs_up_down</i>	<i>thumbs_up_down</i>
<i >toc</i>	<i>toc</i>
<i >today</i>	<i>today</i>
<i >toll</i>	<i>toll</i>
<i >track_changes</i>	<i>track_changes</i>
<i >translate</i>	<i>translate</i>
<i >trending_down</i>	<i>trending_down</i>
<i >trending_flat</i>	<i>trending_flat</i>
<i >trending_up</i>	<i>trending_up</i>
<i >turned_in</i>	<i>turned_in</i>
<i >verified_user</i>	<i>verified_user</i>
<i >view_agenda</i>	<i>view_agenda</i>
<i >view_array</i>	<i>view_array</i>
<i >view_carousel</i>	<i>view_carousel</i>
<i >view_column</i>	<i>view_column</i>
<i >view_day</i>	<i>view_day</i>
<i >view_headline</i>	<i>view_headline</i>
<i >view_list</i>	<i>view_list</i>
<i >view_module</i>	<i>view_module</i>
<i >view_quilt</i>	<i>view_quilt</i>
<i >view_stream</i>	<i>view_stream</i>
<i >view_week</i>	<i>view_week</i>

<code><i >visibility</i></code>	<i>visibility</i>
<code><i >visibility_off</i></code>	<i>visibility_off</i>
<code><i >work</i></code>	<i>work</i>
<code><i >youtube_searched_for</i></code>	<i>youtube_searched_for</i>
<code><i >zoom_in</i></code>	<i>zoom_in</i>
<code><i >zoom_out</i></code>	<i>zoom_out</i>

MATERIAL - ALERT ICONS

This chapter explains the usage of Google's *Material* Alert icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```
<!DOCTYPE html>
<html>
  <head>
    <link href = "https://fonts.googleapis.com/icon?family=Material+Icons" rel =
"stylesheet">

    <style>
      i.custom {font-size: 2em; color: green;}
    </style>

  </head>

  <body>
    <i class = "material-icons custom">accessibility</i>
  </body>

</html>
```

The following table contains the usage and results of Google's *Material* Alert icons. Replace the `<body >` tag of the above program with the code given in the table to get the respective outputs –

Usage	Result
<code><i >add_alert</i></code>	<i>add_alert</i>
<code><i >error</i></code>	<i>error</i>
<code><i >error_outline</i></code>	<i>error_outline</i>
<code><i >warning</i></code>	<i>warning</i>

MATERIAL - AV ICONS

This chapter explains the usage of Google's *Material* AV icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```
<!DOCTYPE html>
<html>
  <head>
    <link href = "https://fonts.googleapis.com/icon?family=Material+Icons" rel =
"stylesheet">

    <style>
      i.custom {font-size: 2em; color: green;}
    </style>
  </head>
  <body>
  </body>
</html>
```

```

</style>

</head>

<body>
  <i class = "material-icons custom">accessibility</i>
</body>

</html>

```

The following table contains the usage and results of Google's *Material* AV icons. Replace the < body > tag of the above program with the code given in the table to get the respective outputs –

Usage	Result
<i >airplay</i>	<i>airplay</i>
<i >album</i>	<i>album</i>
<i >av_timer</i>	<i>av_timer</i>
<i >closed_caption</i>	<i>closed_caption</i>
<i >equalizer</i>	<i>equalizer</i>
<i >explicit</i>	<i>explicit</i>
<i >fast_forward</i>	<i>fast_forward</i>
<i >fast_rewind</i>	<i>fast_rewind</i>
<i >forward_10</i>	<i>forward_10</i>
<i >forward_30</i>	<i>forward_30</i>
<i >forward_5</i>	<i>forward_5</i>
<i >games</i>	<i>games</i>
<i >hd</i>	<i>hd</i>
<i >hearing</i>	<i>hearing</i>
<i >high_quality</i>	<i>high_quality</i>
<i >library_add</i>	<i>library_add</i>
<i >library_books</i>	<i>library_books</i>
<i >library_music</i>	<i>library_music</i>
<i >loop</i>	<i>loop</i>
<i >mic</i>	<i>mic</i>
<i >mic_none</i>	<i>mic_none</i>
<i >mic_off</i>	<i>mic_off</i>
<i >movie</i>	<i>movie</i>
<i >pause_circle_outline</i>	<i>pause_circle_outline</i>
<i >new_releases</i>	<i>new_releases</i>
<i >not_interested</i>	<i>not_interested</i>
<i >pause</i>	<i>pause</i>

<code><i>pause_circle_filled</i></code>	<i>pause_circle_filled</i>
<code><i>play_arrow</i></code>	<i>play_arrow</i>
<code><i>play_circle_filled</i></code>	<i>play_circle_filled</i>
<code><i>play_circle_outline</i></code>	<i>play_circle_outline</i>
<code><i>playlist_add</i></code>	<i>playlist_add</i>
<code><i>queue</i></code>	<i>queue</i>
<code><i>queue_music</i></code>	<i>queue_music</i>
<code><i>radio</i></code>	<i>radio</i>
<code><i>recent_actors</i></code>	<i>recent_actors</i>
<code><i>repeat</i></code>	<i>repeat</i>
<code><i>repeat_one</i></code>	<i>repeat_one</i>
<code><i>replay</i></code>	<i>replay</i>
<code><i>airplay</i></code>	<i>replay_10</i>
<code><i>replay_30</i></code>	<i>replay_30</i>
<code><i>replay_5</i></code>	<i>replay_5</i>
<code><i>shuffle</i></code>	<i>shuffle</i>
<code><i>skip_next</i></code>	<i>skip_next</i>
<code><i>skip_previous</i></code>	<i>skip_previous</i>
<code><i>snooze</i></code>	<i>snooze</i>
<code><i>sort_by_alpha</i></code>	<i>sort_by_alpha</i>
<code><i>stop</i></code>	<i>stop</i>
<code><i>subtitles</i></code>	<i>subtitles</i>
<code><i>surround_sound</i></code>	<i>surround_sound</i>
<code><i>video_library</i></code>	<i>video_library</i>
<code><i>videocam</i></code>	<i>videocam</i>
<code><i>videocam_off</i></code>	<i>videocam_off</i>
<code><i>volume_down</i></code>	<i>volume_down</i>
<code><i>volume_mute</i></code>	<i>volume_mute</i>
<code><i>volume_off</i></code>	<i>volume_off</i>
<code><i>volume_up</i></code>	<i>volume_up</i>
<code><i>web</i></code>	<i>web</i>

MATERIAL - COMMUNICATION ICONS

This chapter explains the usage of Google's *Material* Communication icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```

<!DOCTYPE html>
<html>
  <head>
    <link href = "https://fonts.googleapis.com/icon?family=Material+Icons" rel =
"stylesheet">

    <style>
      i.custom {font-size: 2em; color: green;}
    </style>

  </head>

  <body>
    <i class = "material-icons custom">accessibility</i>
  </body>

</html>

```

The following table contains the usage and results of Google's *Material* Communication icons. Replace the < body > tag of the above program with the code given in the table to get the respective outputs –

Usage	Result
<i >business</i>	<i>business</i>
<i >call</i>	<i>call</i>
<i >call_made</i>	<i>call_made</i>
<i >call_merge</i>	<i>call_merge</i>
<i >call_missed</i>	<i>call_missed</i>
<i >call_received</i>	<i>call_received</i>
<i >call_split</i>	<i>call_split</i>
<i >chat</i>	<i>chat</i>
<i >chat_bubble</i>	<i>chat_bubble</i>
<i >chat_bubble_outline</i>	<i>chat_bubble_outline</i>
<i >clear_all</i>	<i>clear_all</i>
<i >comment</i>	<i>comment</i>
<i >contact_phone</i>	<i>contact_phone</i>
<i >contacts</i>	<i>contacts</i>
<i >dialer_sip</i>	<i>dialer_sip</i>
<i >dialpad</i>	<i>dialpad</i>
<i >forum</i>	<i>forum</i>
<i >import_export</i>	<i>import_export</i>
<i >invert_colors_off</i>	<i>invert_colors_off</i>
<i >live_help</i>	<i>live_help</i>
<i >location_off</i>	<i>location_off</i>
<i >location_on</i>	<i>location_on</i>

<i >message</i>	<i>message</i>
<i >no_sim</i>	<i>no_sim</i>
<i >phone</i>	<i>phone</i>
<i >phonelink_erase</i>	<i>phonelink_erase</i>
<i >phonelink_lock</i>	<i>phonelink_lock</i>
<i >phonelink_ring</i>	<i>phonelink_ring</i>
<i >phonelink_setup</i>	<i>phonelink_setup</i>
<i >portable_wifi_off</i>	<i>portable_wifi_off</i>
<i >present_to_all</i>	<i>present_to_all</i>
<i >ring_volume</i>	<i>ring_volume</i>
<i >speaker_phone</i>	<i>speaker_phone</i>
<i >stay_current_landscape</i>	<i>stay_current_landscape</i>
<i >stay_current_portrait</i>	<i>stay_current_portrait</i>
<i >stay_primary_landscape</i>	<i>stay_primary_landscape</i>
<i >stay_primary_portrait</i>	<i>stay_primary_portrait</i>
<i >swap_calls</i>	<i>swap_calls</i>
<i >textsms</i>	<i>textsms</i>
<i >voicemail</i>	<i>voicemail</i>
<i >vpn_key</i>	<i>vpn_key</i>
<i >email</i>	<i>email</i>
<i >call_end</i>	<i>call_end</i>

MATERIAL - CONTENT ICONS

This chapter explains the usage of Google's *Material* Content icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```
<!DOCTYPE html>
<html>
  <head>
    <link href = "https://fonts.googleapis.com/icon?family=Material+Icons" rel =
"stylesheet">

    <style>
      i.custom {font-size: 2em; color: green;}
    </style>

  </head>

  <body>
    <i class = "material-icons custom">accessibility</i>
  </body>

</html>
```

The following table contains the usage and results of Google's *Material* Content icons. Replace the < body > tag of the above program with the code given in the table to get the respective outputs

Usage	Result
<code><i >add</i></code>	<i>add</i>
<code><i >add_box</i></code>	<i>add_box</i>
<code><i >add_circle</i></code>	<i>add_circle</i>
<code><i >add_circle_outline</i></code>	<i>add_circle_outline</i>
<code><i >archive</i></code>	<i>archive</i>
<code><i >backspace</i></code>	<i>backspace</i>
<code><i >block</i></code>	<i>block</i>
<code><i >clear</i></code>	<i>clear</i>
<code><i >content_copy</i></code>	<i>content_copy</i>
<code><i >content_cut</i></code>	<i>content_cut</i>
<code><i >content_paste</i></code>	<i>content_paste</i>
<code><i >create</i></code>	<i>create</i>
<code><i >drafts</i></code>	<i>drafts</i>
<code><i >filter_list</i></code>	<i>filter_list</i>
<code><i >flag</i></code>	<i>flag</i>
<code><i >font_download</i></code>	<i>font_download</i>
<code><i >forward</i></code>	<i>forward</i>
<code><i >gesture</i></code>	<i>gesture</i>
<code><i >inbox</i></code>	<i>inbox</i>
<code><i >link</i></code>	<i>link</i>
<code><i >mail</i></code>	<i>mail</i>
<code><i >markunread</i></code>	<i>markunread</i>
<code><i >redo</i></code>	<i>redo</i>
<code><i >remove</i></code>	<i>remove</i>
<code><i >remove_circle</i></code>	<i>remove_circle</i>
<code><i >remove_circle_outline</i></code>	<i>remove_circle_outline</i>
<code><i >reply</i></code>	<i>reply</i>
<code><i >reply_all</i></code>	<i>reply_all</i>
<code><i >report</i></code>	<i>report</i>
<code><i >save</i></code>	<i>save</i>
<code><i >select_all</i></code>	<i>select_all</i>
<code><i >send</i></code>	<i>send</i>
<code><i >sort</i></code>	<i>sort</i>

`<i>text_format</i>` *text_format*
`<i>stay_current_portrait</i>` *stay_current_portrait*
`<i>undo</i>` *undo*

MATERIAL - DEVICE ICONS

This chapter provides you the usage of Google's *Material* Device Icons. Assume that **custom** is the CSS class name in which we defined the size and colour as shown below.

```
<style>
  i.custom {font-size: 2em; color: green;}
</style>
```

The following table contains the usage and results of Google's *Material* Device Icons.

Usage	Result
<code><i>access_alarm</i></code>	<i>access_alarm</i>
<code><i>access_alarms</i></code>	<i>access_alarms</i>
<code><i>access_time</i></code>	<i>access_time</i>
<code><i>add_alarm</i></code>	<i>add_alarm</i>
<code><i>airplanemode_active</i></code>	<i>airplanemode_active</i>
<code><i>airplanemode_inactive</i></code>	<i>airplanemode_inactive</i>
<code><i>battery_alert</i></code>	<i>battery_alert</i>
<code><i>battery_charging_full</i></code>	<i>battery_charging_full</i>
<code><i>battery_full</i></code>	<i>battery_full</i>
<code><i>battery_std</i></code>	<i>battery_std</i>
<code><i>battery_unknown</i></code>	<i>battery_unknown</i>
<code><i>bluetooth</i></code>	<i>bluetooth</i>
<code><i>bluetooth_connected</i></code>	<i>bluetooth_connected</i>
<code><i>bluetooth_disabled</i></code>	<i>bluetooth_disabled</i>
<code><i>bluetooth_searching</i></code>	<i>bluetooth_searching</i>
<code><i>brightness_auto</i></code>	<i>brightness_auto</i>
<code><i>brightness_high</i></code>	<i>brightness_high</i>
<code><i>brightness_low</i></code>	<i>brightness_low</i>
<code><i>brightness_medium</i></code>	<i>brightness_medium</i>
<code><i>data_usage</i></code>	<i>data_usage</i>
<code><i>developer_mode</i></code>	<i>developer_mode</i>
<code><i>devices</i></code>	<i>devices</i>
<code><i>dvr</i></code>	<i>dvr</i>

<i >gps_fixed</i>	<i>gps_fixed</i>
<i >gps_not_fixed</i>	<i>gps_not_fixed</i>
<i >gps_off</i>	<i>gps_off</i>
<i >graphic_eq</i>	<i>graphic_eq</i>
<i >location_disabled</i>	<i>location_disabled</i>
<i >location_searching</i>	<i>location_searching</i>
<i >network_cell</i>	<i>network_cell</i>
<i >network_wifi</i>	<i>network_wifi</i>
<i >screen_lock_landscape</i>	<i>screen_lock_landscape</i>
<i >screen_lock_portrait</i>	<i>screen_lock_portrait</i>
<i >screen_lock_rotation</i>	<i>screen_lock_rotation</i>
<i >screen_rotation</i>	<i>screen_rotation</i>
<i >sd_storage</i>	<i>sd_storage</i>
<i >settings_system_daydream</i>	<i>settings_system_daydream</i>
<i >signal_cellular_4_bar</i>	<i>signal_cellular_4_bar</i>
<i >wifi_tethering</i>	<i>wifi_tethering</i>
<i >signal_cellular_no_sim</i>	<i>signal_cellular_no_sim</i>
<i >signal_cellular_null</i>	<i>signal_cellular_null</i>
<i >signal_cellular_off</i>	<i>signal_cellular_off</i>
<i >signal_wifi_4_bar</i>	<i>signal_wifi_4_bar</i>
<i >signal_wifi_4_bar_lock</i>	<i>signal_wifi_4_bar_lock</i>
<i >signal_wifi_off</i>	<i>signal_wifi_off</i>
<i >storage</i>	<i>storage</i>
<i >usb</i>	<i>usb</i>
<i >wallpaper</i>	<i>wallpaper</i>
<i >widgets</i>	<i>widgets</i>
<i >wifi_lock</i>	<i>wifi_lock</i>
<i >signal_cellular_connected_no_internet_4_bar</i>	<i>signal_cellular_connected_no_internet_4_bar</i>

MATERIAL - EDITOR ICONS

This chapter explains the usage of Google's *Material* Editor icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```
<!DOCTYPE html>
<html>
  <head>
    <link href = "https://fonts.googleapis.com/icon?family=Material+Icons" rel =
"stylesheet">
```

```

<style>
  i.custom {font-size: 2em; color: green;}
</style>

</head>

<body>
  <i class = "material-icons custom">accessibility</i>
</body>

</html>

```

The following table contains the usage and results of Google's *Material* Editor icons. Replace the <body > tag of the above program with the code given in the table to get the respective outputs –

Usage	Result
<i >attach_file</i>	<i>attach_file</i>
<i >attach_money</i>	<i>attach_money</i>
<i >border_all</i>	<i>border_all</i>
<i >border_bottom</i>	<i>border_bottom</i>
<i >border_clear</i>	<i>border_clear</i>
<i >border_color</i>	<i>border_color</i>
<i >border_horizontal</i>	<i>border_horizontal</i>
<i >border_inner</i>	<i>border_inner</i>
<i >border_left</i>	<i>border_left</i>
<i >border_outer</i>	<i>border_outer</i>
<i >border_right</i>	<i>border_right</i>
<i >border_style</i>	<i>border_style</i>
<i >border_top</i>	<i>border_top</i>
<i >border_vertical</i>	<i>border_vertical</i>
<i >format_align_center</i>	<i>format_align_center</i>
<i >format_align_justify</i>	<i>format_align_justify</i>
<i >format_align_left</i>	<i>format_align_left</i>
<i >format_align_right</i>	<i>format_align_right</i>
<i >format_bold</i>	<i>format_bold</i>
<i >format_clear</i>	<i>format_clear</i>
<i >format_color_fill</i>	<i>format_color_fill</i>
<i >format_color_reset</i>	<i>format_color_reset</i>
<i >format_color_text</i>	<i>format_color_text</i>
<i >format_indent_decrease</i>	<i>format_indent_decrease</i>
<i >format_indent_increase</i>	<i>format_indent_increase</i>

<code><i >format_italic</i></code>	<code>format_italic</code>
<code><i >format_line_spacing</i></code>	<code>format_line_spacing</code>
<code><i >format_list_bulleted</i></code>	<code>format_list_bulleted</code>
<code><i >format_list_numbered</i></code>	<code>format_list_numbered</code>
<code><i >format_paint</i></code>	<code>format_paint</code>
<code><i >format_quote</i></code>	<code>format_quote</code>
<code><i >format_size</i></code>	<code>format_size</code>
<code><i >format_strikethrough</i></code>	<code>format_strikethrough</code>
<code><i >format_textdirection_l_to_r</i></code>	<code>format_textdirection_l_to_r</code>
<code><i >format_textdirection_r_to_l</i></code>	<code>format_textdirection_r_to_l</code>
<code><i >format_underline</i></code>	<code>format_underline</code>
<code><i >functions</i></code>	<code>functions</code>
<code><i >insert_chart</i></code>	<code>insert_chart</code>
<code><i >insert_comment</i></code>	<code>insert_comment</code>
<code><i >insert_drive_file</i></code>	<code>insert_drive_file</code>
<code><i >insert_emoticon</i></code>	<code>insert_emoticon</code>
<code><i >insert_invitation</i></code>	<code>insert_invitation</code>
<code><i >insert_link</i></code>	<code>insert_link</code>
<code><i >insert_photo</i></code>	<code>insert_photo</code>
<code><i >merge_type</i></code>	<code>merge_type</code>
<code><i >mode_comment</i></code>	<code>mode_comment</code>
<code><i >mode_edit</i></code>	<code>mode_edit</code>
<code><i >money_off</i></code>	<code>money_off</code>
<code><i >publish</i></code>	<code>publish</code>
<code><i >space_bar</i></code>	<code>space_bar</code>
<code><i >strikethrough_s</i></code>	<code>strikethrough_s</code>
<code><i >vertical_align_bottom</i></code>	<code>vertical_align_bottom</code>
<code><i >vertical_align_center</i></code>	<code>vertical_align_center</code>
<code><i >vertical_align_top</i></code>	<code>vertical_align_top</code>
<code><i >wrap_text</i></code>	<code>wrap_text</code>

MATERIAL - FILE ICONS

This chapter explains the usage of Google's *Material* File icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```
<!DOCTYPE html>
<html>
```

```

<head>
  <link href = "https://fonts.googleapis.com/icon?family=Material+Icons" rel =
"stylesheet">

  <style>
    i.custom {font-size: 2em; color: green;}
  </style>

</head>

<body>
  <i class = "material-icons custom">accessibility</i>
</body>

</html>

```

The following table contains the usage and results of Google's *Material* File icons. Replace the < body > tag of the above program with the code given in the table to get the respective outputs –

Usage	Result
<i >attachment</i>	<i>attachment</i>
<i >cloud</i>	<i>cloud</i>
<i >cloud_circle</i>	<i>cloud_circle</i>
<i >cloud_done</i>	<i>cloud_done</i>
<i >cloud_download</i>	<i>cloud_download</i>
<i >cloud_off</i>	<i>cloud_off</i>
<i >cloud_queue</i>	<i>cloud_queue</i>
<i >cloud_upload</i>	<i>cloud_upload</i>
<i >file_download</i>	<i>file_download</i>
<i >file_upload</i>	<i>file_upload</i>
<i >folder</i>	<i>folder</i>
<i >folder_open</i>	<i>folder_open</i>
<i >folder_shared</i>	<i>folder_shared</i>

MATERIAL - HARDWARE ICONS

This chapter explains the usage of Google's *Material* Hardware icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```

<!DOCTYPE html>
<html>
  <head>
    <link href = "https://fonts.googleapis.com/icon?family=Material+Icons" rel =
"stylesheet">

    <style>
      i.custom {font-size: 2em; color: green;}
    </style>

  </head>

  <body>
    <i class = "material-icons custom">accessibility</i>

```

```
</body>
</html>
```

The following table contains the usage and results of Google's *Material* Hardware icons. Replace the `< body >` tag of the above program with the code given in the table to get the respective outputs

Usage	Result
<code><i >cast</i></code>	<i>cast</i>
<code><i >cast_connected</i></code>	<i>cast_connected</i>
<code><i >computer</i></code>	<i>computer</i>
<code><i >desktop_mac</i></code>	<i>desktop_mac</i>
<code><i >desktop_windows</i></code>	<i>desktop_windows</i>
<code><i >developer_board</i></code>	<i>developer_board</i>
<code><i >device_hub</i></code>	<i>device_hub</i>
<code><i >dock</i></code>	<i>dock</i>
<code><i >gamepad</i></code>	<i>gamepad</i>
<code><i >headset</i></code>	<i>headset</i>
<code><i >headset_mic</i></code>	<i>headset_mic</i>
<code><i >keyboard</i></code>	<i>keyboard</i>
<code><i >keyboard_arrow_down</i></code>	<i>keyboard_arrow_down</i>
<code><i >keyboard_arrow_left</i></code>	<i>keyboard_arrow_left</i>
<code><i >keyboard_arrow_right</i></code>	<i>keyboard_arrow_right</i>
<code><i >keyboard_arrow_up</i></code>	<i>keyboard_arrow_up</i>
<code><i >keyboard_backspace</i></code>	<i>keyboard_backspace</i>
<code><i >keyboard_capslock</i></code>	<i>keyboard_capslock</i>
<code><i >keyboard_hide</i></code>	<i>keyboard_hide</i>
<code><i >keyboard_return</i></code>	<i>keyboard_return</i>
<code><i >keyboard_tab</i></code>	<i>keyboard_tab</i>
<code><i >keyboard_voice</i></code>	<i>keyboard_voice</i>
<code><i >laptop</i></code>	<i>laptop</i>
<code><i >laptop_chromebook</i></code>	<i>laptop_chromebook</i>
<code><i >laptop_mac</i></code>	<i>laptop_mac</i>
<code><i >laptop_windows</i></code>	<i>laptop_windows</i>
<code><i >memory</i></code>	<i>memory</i>
<code><i >mouse</i></code>	<i>mouse</i>
<code><i >phone_android</i></code>	<i>phone_android</i>

<code><i >phone_iphone</i></code>	<i>phone_iphone</i>
<code><i >phonelink</i></code>	<i>phonelink</i>
<code><i >phonelink_off</i></code>	<i>phonelink_off</i>
<code><i >power_input</i></code>	<i>power_input</i>
<code><i >router</i></code>	<i>router</i>
<code><i >scanner</i></code>	<i>scanner</i>
<code><i >security</i></code>	<i>security</i>
<code><i >sim_card</i></code>	<i>sim_card</i>
<code><i >smartphone</i></code>	<i>smartphone</i>
<code><i >speaker</i></code>	<i>speaker</i>
<code><i >speaker_group</i></code>	<i>speaker_group</i>
<code><i >tablet</i></code>	<i>tablet</i>
<code><i >tablet_android</i></code>	<i>tablet_android</i>
<code><i >tablet_mac</i></code>	<i>tablet_mac</i>
<code><i >toys</i></code>	<i>toys</i>
<code><i >tv</i></code>	<i>tv</i>
<code><i >watch</i></code>	<i>watch</i>

MATERIAL - IMAGE ICONS

This chapter explains the usage of Google's *Material* Image icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```
<!DOCTYPE html>
<html>
  <head>
    <link href = "https://fonts.googleapis.com/icon?family=Material+Icons" rel =
"stylesheet">

    <style>
      i.custom {font-size: 2em; color: green;}
    </style>
  </head>

  <body>
    <i class = "material-icons custom">accessibility</i>
  </body>
</html>
```

The following table contains the usage and results of Google's *Material* Image icons. Replace the `<body >` tag of the above program with the code given in the table to get the respective outputs –

Usage	Result
<code><i >add_to_photos</i></code>	<i>add_to_photos</i>
<code><i >adjust</i></code>	<i>adjust</i>

<i >assistant</i>	<i>assistant</i>
<i >assistant</i>	<i>assistant</i>
<i >audiotrack</i>	<i>audiotrack</i>
<i >blur_circular</i>	<i>blur_circular</i>
<i >blur_linear</i>	<i>blur_linear</i>
<i >blur_off</i>	<i>blur_off</i>
<i >blur_on</i>	<i>blur_on</i>
<i >brightness_1</i>	<i>brightness_1</i>
<i >brightness_2</i>	<i>brightness_2</i>
<i >brightness_3</i>	<i>brightness_3</i>
<i >brightness_4</i>	<i>brightness_4</i>
<i >brightness_5</i>	<i>brightness_5</i>
<i >brightness_6</i>	<i>brightness_6</i>
<i >brightness_7</i>	<i>brightness_7</i>
<i >broken_image</i>	<i>broken_image</i>
<i >brush</i>	<i>brush</i>
<i >camera</i>	<i>camera</i>
<i >camera_alt</i>	<i>camera_alt</i>
<i >camera_front</i>	<i>camera_front</i>
<i >camera_rear</i>	<i>camera_rear</i>
<i >camera_roll</i>	<i>camera_roll</i>
<i >center_focus_strong</i>	<i>center_focus_strong</i>
<i >center_focus_weak</i>	<i>center_focus_weak</i>
<i >collections</i>	<i>collections</i>
<i >collections_bookmark</i>	<i>collections_bookmark</i>
<i >color_lens</i>	<i>color_lens</i>
<i >colorize</i>	<i>colorize</i>
<i >compare</i>	<i>compare</i>
<i >control_point</i>	<i>control_point</i>
<i >control_point_duplicate</i>	<i>control_point_duplicate</i>
<i >crop</i>	<i>crop</i>
<i >crop_16_9</i>	<i>crop_16_9</i>
<i >crop_3_2</i>	<i>crop_3_2</i>
<i >crop_5_4</i>	<i>crop_5_4</i>
<i >crop_7_5</i>	<i>crop_7_5</i>

<i >crop_din</i>	<i>crop_din</i>
<i >crop_free</i>	<i>crop_free</i>
<i >crop_landscape</i>	<i>crop_landscape</i>
<i >crop_original</i>	<i>crop_original</i>
<i >crop_portrait</i>	<i>crop_portrait</i>
<i >crop_square</i>	<i>crop_square</i>
<i >dehaze</i>	<i>dehaze</i>
<i >details</i>	<i>details</i>
<i >edit</i>	<i>edit</i>
<i >exposure</i>	<i>exposure</i>
<i >exposure_neg_1</i>	<i>exposure_neg_1</i>
<i >exposure_plus_1</i>	<i>exposure_plus_1</i>
<i >exposure_plus_2</i>	<i>exposure_plus_2</i>
<i >exposure_zero</i>	<i>exposure_zero</i>
<i >filter</i>	<i>filter</i>
<i >filter_1</i>	<i>filter_1</i>
<i >filter_2</i>	<i>filter_2</i>
<i >filter_3</i>	<i>filter_3</i>
<i >filter_4</i>	<i>filter_4</i>
<i >filter_5</i>	<i>filter_5</i>
<i >filter_6</i>	<i>filter_6</i>
<i >filter_7</i>	<i>filter_7</i>
<i >filter_8</i>	<i>filter_8</i>
<i >filter_9</i>	<i>filter_9</i>
<i >filter_9_plus</i>	<i>filter_9_plus</i>
<i >filter_b_and_w</i>	<i>filter_b_and_w</i>
<i >filter_center_focus</i>	<i>filter_center_focus</i>
<i >filter_drama</i>	<i>filter_drama</i>
<i >filter_frames</i>	<i>filter_frames</i>
<i >filter_hdr</i>	<i>filter_hdr</i>
<i >filter_none</i>	<i>filter_none</i>
<i >filter_tilt_shift</i>	<i>filter_tilt_shift</i>
<i >filter_vintage</i>	<i>filter_vintage</i>
<i >flare</i>	<i>flare</i>
<i >flash_auto</i>	<i>flash_auto</i>

<i >flash_off</i>	<i>flash_off</i>
<i >flash_on</i>	<i>flash_on</i>
<i >flip</i>	<i>flip</i>
<i >gradient</i>	<i>gradient</i>
<i >grain</i>	<i>grain</i>
<i >grid_off</i>	<i>grid_off</i>
<i >grid_on</i>	<i>grid_on</i>
<i >hdr_off</i>	<i>hdr_off</i>
<i >hdr_on</i>	<i>hdr_on</i>
<i >hdr_strong</i>	<i>hdr_strong</i>
<i >hdr_weak</i>	<i>hdr_weak</i>
<i >healing</i>	<i>healing</i>
<i >image</i>	<i>image</i>
<i >image_aspect_ratio</i>	<i>image_aspect_ratio</i>
<i >iso</i>	<i>iso</i>
<i >landscape</i>	<i>landscape</i>
<i >leak_add</i>	<i>leak_add</i>
<i >leak_remove</i>	<i>leak_remove</i>
<i >lens</i>	<i>lens</i>
<i >looks</i>	<i>looks</i>
<i >looks_3</i>	<i>looks_3</i>
<i >looks_4</i>	<i>looks_4</i>
<i >looks_5</i>	<i>looks_5</i>
<i >looks_6</i>	<i>looks_6</i>
<i >looks_one</i>	<i>looks_one</i>
<i >looks_two</i>	<i>looks_two</i>
<i >loupe</i>	<i>loupe</i>
<i >monochrome_photos</i>	<i>monochrome_photos</i>
<i >movie_creation</i>	<i>movie_creation</i>
<i >music_note</i>	<i>music_note</i>
<i >nature</i>	<i>nature</i>
<i >nature_people</i>	<i>nature_people</i>
<i >wb_sunny</i>	<i>wb_sunny</i>
<i >navigate_next</i>	<i>navigate_next</i>
<i >navigate_before</i>	<i>navigate_before</i>

<i >palette</i>	<i>palette</i>
<i >panorama</i>	<i>panorama</i>
<i >panorama_fish_eye</i>	<i>panorama_fish_eye</i>
<i >panorama_horizontal</i>	<i>panorama_horizontal</i>
<i >panorama_vertical</i>	<i>panorama_vertical</i>
<i >panorama_wide_angle</i>	<i>panorama_wide_angle</i>
<i >photo</i>	<i>photo</i>
<i >photo_album</i>	<i>photo_album</i>
<i >photo_camera</i>	<i>photo_camera</i>
<i >photo_library</i>	<i>photo_library</i>
<i >photo_size_select_actual</i>	<i>photo_size_select_actual</i>
<i >photo_size_select_large</i>	<i>photo_size_select_large</i>
<i >photo_size_select_small</i>	<i>photo_size_select_small</i>
<i >picture_as_pdf</i>	<i>picture_as_pdf</i>
<i >portrait</i>	<i>portrait</i>
<i >remove_red_eye</i>	<i>remove_red_eye</i>
<i >rotate_90_degrees_ccw</i>	<i>rotate_90_degrees_ccw</i>
<i >rotate_left</i>	<i>rotate_left</i>
<i >rotate_right</i>	<i>rotate_right</i>
<i >slideshow</i>	<i>slideshow</i>
<i >straighten</i>	<i>straighten</i>
<i >style</i>	<i>style</i>
<i >switch_camera</i>	<i>switch_camera</i>
<i >switch_video</i>	<i>switch_video</i>
<i >tag_faces</i>	<i>tag_faces</i>
<i >texture</i>	<i>texture</i>
<i >timelapse</i>	<i>timelapse</i>
<i >timer</i>	<i>timer</i>
<i >timer_10</i>	<i>timer_10</i>
<i >timer_3</i>	<i>timer_3</i>
<i >timer_off</i>	<i>timer_off</i>
<i >tonality</i>	<i>tonality</i>
<i >transform</i>	<i>transform</i>
<i >tune</i>	<i>tune</i>
<i >view_comfy</i>	<i>view_comfy</i>

<code><i >view_compact</i></code>	<i>view_compact</i>
<code><i >vignette</i></code>	<i>vignette</i>
<code><i >wb_auto</i></code>	<i>wb_auto</i>
<code><i >wb_cloudy</i></code>	<i>wb_cloudy</i>
<code><i >wb_incandescent</i></code>	<i>wb_incandescent</i>
<code><i >wb_iridescent</i></code>	<i>wb_iridescent</i>

MATERIAL - MAPS ICONS

This chapter explains the usage of Google's *Material* Maps icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```
<!DOCTYPE html>
<html>
  <head>
    <link href = "https://fonts.googleapis.com/icon?family=Material+Icons" rel =
"stylesheet">

    <style>
      i.custom {font-size: 2em; color: green;}
    </style>

  </head>

  <body>
    <i class = "material-icons custom">accessibility</i>
  </body>
</html>
```

The following table contains the usage and results of Google's *Material* Maps icons. Replace the `< body >` tag of the above program with the code given in the table to get the respective outputs –

Usage	Result
<code><i >beenhere</i></code>	<i>beenhere</i>
<code><i >directions</i></code>	<i>directions</i>
<code><i >directions_bike</i></code>	<i>directions_bike</i>
<code><i >directions_boat</i></code>	<i>directions_boat</i>
<code><i >directions_bus</i></code>	<i>directions_bus</i>
<code><i >directions_car</i></code>	<i>directions_car</i>
<code><i >directions_railway</i></code>	<i>directions_railway</i>
<code><i >directions_run</i></code>	<i>directions_run</i>
<code><i >directions_subway</i></code>	<i>directions_subway</i>
<code><i >directions_transit</i></code>	<i>directions_transit</i>
<code><i >directions_walk</i></code>	<i>directions_walk</i>
<code><i >flight</i></code>	<i>flight</i>
<code><i >hotel</i></code>	<i>hotel</i>

<i >layers</i>	<i>layers</i>
<i >layers_clear</i>	<i>layers_clear</i>
<i >local_activity</i>	<i>local_activity</i>
<i >local_airport</i>	<i>local_airport</i>
<i >local_atm</i>	<i>local_atm</i>
<i >local_bar</i>	<i>local_bar</i>
<i >local_cafe</i>	<i>local_cafe</i>
<i >local_car_wash</i>	<i>local_car_wash</i>
<i >local_convenience_store</i>	<i>local_convenience_store</i>
<i >local_dining</i>	<i>local_dining</i>
<i >local_drink</i>	<i>local_drink</i>
<i >local_florist</i>	<i>local_florist</i>
<i >local_gas_station</i>	<i>local_gas_station</i>
<i >local_grocery_store</i>	<i>local_grocery_store</i>
<i >local_hospital</i>	<i>local_hospital</i>
<i >local_hotel</i>	<i>local_hotel</i>
<i >local_laundry_service</i>	<i>local_laundry_service</i>
<i >local_library</i>	<i>local_library</i>
<i >local_mall</i>	<i>local_mall</i>
<i >local_movies</i>	<i>local_movies</i>
<i >local_offer</i>	<i>local_offer</i>
<i >local_parking</i>	<i>local_parking</i>
<i >local_pharmacy</i>	<i>local_pharmacy</i>
<i >local_phone</i>	<i>local_phone</i>
<i >local_pizza</i>	<i>local_pizza</i>
<i >local_play</i>	<i>local_play</i>
<i >local_post_office</i>	<i>local_post_office</i>
<i >local_printshop</i>	<i>local_printshop</i>
<i >local_see</i>	<i>local_see</i>
<i >local_shipping</i>	<i>local_shipping</i>
<i >local_taxi</i>	<i>local_taxi</i>
<i >map</i>	<i>map</i>
<i >my_location</i>	<i>my_location</i>
<i >navigation</i>	<i>navigation</i>
<i >person_pin</i>	<i>person_pin</i>

<code><i >pin_drop</i></code>	<i>pin_drop</i>
<code><i >place</i></code>	<i>place</i>
<code><i >rate_review</i></code>	<i>rate_review</i>
<code><i >restaurant_menu</i></code>	<i>restaurant_menu</i>
<code><i >satellite</i></code>	<i>satellite</i>
<code><i >store_mall_directory</i></code>	<i>store_mall_directory</i>
<code><i >traffic</i></code>	<i>traffic</i>
<code><i >terrain</i></code>	<i>terrain</i>

MATERIAL - NAVIGATION ICONS

This chapter explains the usage of Google's *Material* Navigation icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```
<!DOCTYPE html>
<html>
  <head>
    <link href = "https://fonts.googleapis.com/icon?family=Material+Icons" rel =
"stylesheet">

    <style>
      i.custom {font-size: 2em; color: green;}
    </style>

  </head>

  <body>
    <i class = "material-icons custom">accessibility</i>
  </body>
</html>
```

The following table contains the usage and results of Google's *Material* Navigation icons. Replace the `< body >` tag of the above program with the code given in the table to get the respective outputs –

Usage	Result
<code><i >apps</i></code>	<i>apps</i>
<code><i >arrow_back</i></code>	<i>arrow_back</i>
<code><i >arrow_drop_down</i></code>	<i>arrow_drop_down</i>
<code><i >arrow_drop_down_circle</i></code>	<i>arrow_drop_down_circle</i>
<code><i >arrow_drop_up</i></code>	<i>arrow_drop_up</i>
<code><i >arrow_forward</i></code>	<i>arrow_forward</i>
<code><i >cancel</i></code>	<i>cancel</i>
<code><i >check</i></code>	<i>check</i>
<code><i >chevron_left</i></code>	<i>chevron_left</i>
<code><i >chevron_right</i></code>	<i>chevron_right</i>

<code><i >close</i></code>	<i>close</i>
<code><i >expand_less</i></code>	<i>expand_less</i>
<code><i >expand_more</i></code>	<i>expand_more</i>
<code><i >fullscreen</i></code>	<i>fullscreen</i>
<code><i >fullscreen_exit</i></code>	<i>fullscreen_exit</i>
<code><i >menu</i></code>	<i>menu</i>
<code><i >more_horiz</i></code>	<i>more_horiz</i>
<code><i >more_vert</i></code>	<i>more_vert</i>
<code><i >refresh</i></code>	<i>refresh</i>

MATERIAL - NOTIFICATION ICONS

This chapter explains the usage of Google's *Material* Notification icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```
<!DOCTYPE html>
<html>
  <head>
    <link href = "https://fonts.googleapis.com/icon?family=Material+Icons" rel =
"stylesheet">

    <style>
      i.custom {font-size: 2em; color: green;}
    </style>

  </head>

  <body>
    <i class = "material-icons custom">accessibility</i>
  </body>

</html>
```

The following table contains the usage and results of Google's *Material* Notification icons. Replace the `< body >` tag of the above program with the code given in the table to get the respective outputs –

Usage	Result
<code><i >adb</i></code>	<i>adb</i>
<code><i >airline_seat_flat</i></code>	<i>airline_seat_flat</i>
<code><i >airline_seat_flat_angled</i></code>	<i>airline_seat_flat_angled</i>
<code><i >airline_seat_individual_suite</i></code>	<i>airline_seat_individual_suite</i>
<code><i >airline_seat_legroom_reduced</i></code>	<i>airline_seat_legroom_reduced</i>
<code><i >airline_seat_recline_extra</i></code>	<i>airline_seat_recline_extra</i>
<code><i >airline_seat_recline_normal</i></code>	<i>airline_seat_recline_normal</i>
<code><i >bluetooth_audio</i></code>	<i>bluetooth_audio</i>
<code><i >confirmation_number</i></code>	<i>confirmation_number</i>

<i >disc_full</i>	<i>disc_full</i>
<i >do_not_disturb</i>	<i>do_not_disturb</i>
<i >do_not_disturb_alt</i>	<i>do_not_disturb_alt</i>
<i >drive_eta</i>	<i>drive_eta</i>
<i >event_available</i>	<i>event_available</i>
<i >event_busy</i>	<i>event_busy</i>
<i >event_note</i>	<i>event_note</i>
<i >folder_special</i>	<i>folder_special</i>
<i >live_tv</i>	<i>live_tv</i>
<i >mms</i>	<i>mms</i>
<i >more</i>	<i>more</i>
<i >network_locked</i>	<i>network_locked</i>
<i >ondemand_video</i>	<i>ondemand_video</i>
<i >personal_video</i>	<i>personal_video</i>
<i >phone_bluetooth_speaker</i>	<i>phone_bluetooth_speaker</i>
<i >phone_forwarded</i>	<i>phone_forwarded</i>
<i >phone_in_talk</i>	<i>phone_in_talk</i>
<i >phone_locked</i>	<i>phone_locked</i>
<i >phone_missed</i>	<i>phone_missed</i>
<i >phone_paused</i>	<i>phone_paused</i>
<i >power</i>	<i>power</i>
<i >sd_card</i>	<i>sd_card</i>
<i >sim_card_alert</i>	<i>sim_card_alert</i>
<i >sms</i>	<i>sms</i>
<i >sms_failed</i>	<i>sms_failed</i>
<i >sync</i>	<i>sync</i>
<i >sync_disabled</i>	<i>sync_disabled</i>
<i >sync_problem</i>	<i>sync_problem</i>
<i >system_update</i>	<i>system_update</i>
<i >tap_and_play</i>	<i>tap_and_play</i>
<i >time_to_leave</i>	<i>time_to_leave</i>
<i >vibration</i>	<i>vibration</i>
<i >voice_chat</i>	<i>voice_chat</i>
<i >vpn_lock</i>	<i>vpn_lock</i>
<i >wc</i>	<i>wc</i>

MATERIAL - SOCIAL ICONS

This chapter explains the usage of Google's *Material* Social icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```
<!DOCTYPE html>
<html>
  <head>
    <link href = "https://fonts.googleapis.com/icon?family=Material+Icons" rel =
"stylesheet">

    <style>
      i.custom {font-size: 2em; color: green;}
    </style>

  </head>

  <body>
    <i class = "material-icons custom">accessibility</i>
  </body>

</html>
```

The following table contains the usage and results of Google's *Material* Social icons. Replace the `<body >` tag of the above program with the code given in the table to get the respective outputs –

Usage	Result
<code><i >cake</i></code>	<i>cake</i>
<code><i >domain</i></code>	<i>domain</i>
<code><i >group</i></code>	<i>group</i>
<code><i >group_add</i></code>	<i>group_add</i>
<code><i >location_city</i></code>	<i>location_city</i>
<code><i >mood</i></code>	<i>mood</i>
<code><i >mood_bad</i></code>	<i>mood_bad</i>
<code><i >notifications</i></code>	<i>notifications</i>
<code><i >notifications_active</i></code>	<i>notifications_active</i>
<code><i >notifications_none</i></code>	<i>notifications_none</i>
<code><i >notifications_off</i></code>	<i>notifications_off</i>
<code><i >notifications_paused</i></code>	<i>notifications_paused</i>
<code><i >pages</i></code>	<i>pages</i>
<code><i >party_mode</i></code>	<i>party_mode</i>
<code><i >people</i></code>	<i>people</i>
<code><i >people_outline</i></code>	<i>people_outline</i>
<code><i >person</i></code>	<i>person</i>
<code><i >person_add</i></code>	<i>person_add</i>

<code><i >person_outline</i></code>	<i>person_outline</i>
<code><i >plus_one</i></code>	<i>plus_one</i>
<code><i >poll</i></code>	<i>poll</i>
<code><i >public</i></code>	<i>public</i>
<code><i >school</i></code>	<i>school</i>
<code><i >share</i></code>	<i>share</i>
<code><i >whatshot</i></code>	<i>whatshot</i>

MATERIAL - TOGGLE ICONS

This chapter explains the usage of Google's *Material* Toggle icons. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```
<!DOCTYPE html>
<html>
  <head>
    <link href = "https://fonts.googleapis.com/icon?family=Material+Icons" rel =
"stylesheet">

    <style>
      i.custom {font-size: 2em; color: green;}
    </style>

  </head>

  <body>
    <i class = "material-icons custom">accessibility</i>
  </body>
</html>
```

The following table contains the usage and results of Google's *Material* Toggle icons. Replace the `<body >` tag of the above program with the code given in the table to get the respective outputs –

Usage	Result
<code><i >check_box</i></code>	<i>check_box</i>
<code><i >check_box_outline_blank</i></code>	<i>check_box_outline_blank</i>
<code><i >indeterminate_check_box</i></code>	<i>indeterminate_check_box</i>
<code><i >radio_button_checked</i></code>	<i>radio_button_checked</i>
<code><i >radio_button_unchecked</i></code>	<i>radio_button_unchecked</i>
<code><i >star</i></code>	<i>star</i>
<code><i >star_border</i></code>	<i>star_border</i>
<code><i >star_half</i></code>	<i>star_half</i>

BOOTSTRAP GLYPHICONS

This is a library of monochromatic icons available in raster image formats, vector image formats, and as fonts. It provides over 250 glyphs in font format. You can use these fonts in your web projects. These glyphs are not free, however if you don't have to spend anything in case you are

using them in Bootstrap based projects.

Loading the Font *library*

To load the Bootstrap Glyphicons library, copy and paste the following line in the <head> section of the webpage.

```
<head>
  <link rel = "stylesheet" href =
  "http://maxcdn.bootstrapcdn.com/bootstrap/3.3.4/css/bootstrap.min.css">
</head>
```

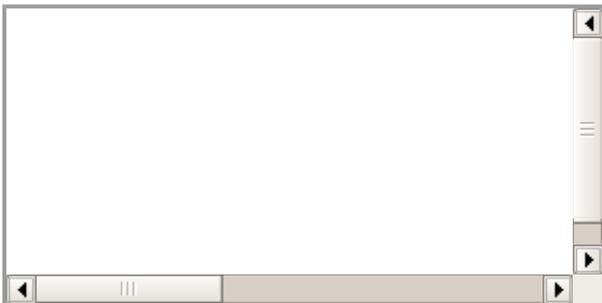
Using the Icon

Bootstrap Glyphicons provides a number of icons. Choose one of them and add the name of the icon class to any HTML element within the < body > tag. In the following example, we have used the icon of the tree and its class name is **tree-deciduous**.

```
<html>
  <head>
    <link rel = "stylesheet" href =
    "http://maxcdn.bootstrapcdn.com/bootstrap/3.3.4/css/bootstrap.min.css">
  </head>

  <body>
    <i class = "glyphicon glyphicon-tree-deciduous"> </i>
  </body>
</html>
```

It will produce the following output –



Defining the Size

You can increase or decrease the size of an icon by defining its size in the CSS and using it along with the class name as shown below. In the following example, we have defined the size as 6 em.

```
<html>
  <head>
    <link rel = "stylesheet" href = <link rel = "stylesheet" href =
    "http://maxcdn.bootstrapcdn.com/bootstrap/3.3.4/css/bootstrap.min.css">
    i.mysize {font-size: 6em;}
  </head>

  <body>
    <i class = "glyphicon glyphicon-tree-deciduous mysize"></i>
  </body>
</html>
```

It will produce the following output:



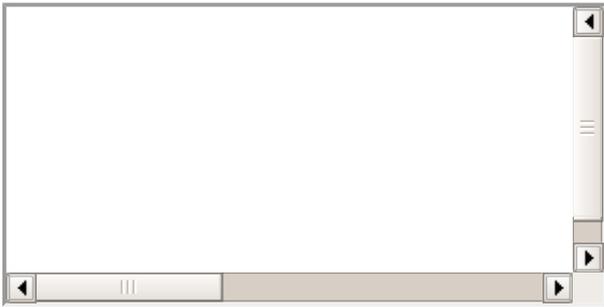
Defining the Color

You can define the color of an icon using the CSS. The following example shows how to change the color of the tree icon.

```
<html>
  <head>
    <link rel = "stylesheet" href = <link rel = "stylesheet" href =
"http://maxcdn.bootstrapcdn.com/bootstrap/3.3.4/css/bootstrap.min.css">
    <i.custom {font-size: 6em; color: blue;}
  </head>

  <body>
    <i class = "glyphicon glyphicon-tree-deciduous custom"></i>
  </body>
</html>
```

It will produce the following output –



BOOTSTRAP COMPONENTS

This chapter explains the usage of Bootstrap Glyphicons *Components*. Assume that **custom** is the CSS class name where we defined the size and color, as shown in the example given below.

```
<html>
  <head>
    <link rel = "stylesheet" href = <link rel = "stylesheet"
      href = "http://maxcdn.bootstrapcdn.com/bootstrap/3.3.4/css/bootstrap.min.css">
    <i.custom {font-size: 2em; color: blue;}
  </head>

  <body>
    <i class = "glyphicon glyphicon-tree-deciduous custom"></i>
  </body>
</html>
```

The following table contains the usage and results of Bootstrap Glyphicons *Components*. Replace the < body > tag of the above program with the code given in the table to get the respective outputs –

Usage	Result
-------	--------

<i ></i>

<i ></i>

<i ></i>

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