

CSS - HINGE EFFECT

http://www.tutorialspoint.com/css/css_animation_hinge.htm

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Description

An Element can turn over or cause to turn over with a sudden quick movement.

Syntax

```
@keyframes hinge {
  0% {
    transform: rotate(0);
    transform-origin: top left;
    animation-timing-function: ease-in-out;
  }
  20%, 60% {
    transform: rotate(80deg);
    transform-origin: top left;
    animation-timing-function: ease-in-out;
  }
  40% {
    transform: rotate(60deg);
    transform-origin: top left;
    animation-timing-function: ease-in-out;
  }
  80% {
    transform: rotate(60deg) translateY(0);
    opacity: 1;
    transform-origin: top left;
    animation-timing-function: ease-in-out;
  }
  100% {
    transform: translateY(700px);
    opacity: 0;
  }
}
```

Parameters:

- **Transform** – Transform applies to 2d and 3d transformation to an element
- **Opacity** – Opacity applies to an element to make translucence

Example

```
<html>
<head>

  <style>

    .animated {
      background-image: url(/css/images/logo.png);
      background-repeat: no-repeat;
      background-position: left top;
      padding-top:95px;
      margin-bottom:60px;
      -webkit-animation-duration: 1s;
      animation-duration: 1s;
      -webkit-animation-fill-mode: both;
      animation-fill-mode: both;
    }

    @-webkit-keyframes hinge {
      0% {
        -webkit-transform: rotate(0);
```

```

        -webkit-transform-origin: top left;
        -webkit-animation-timing-function: ease-in-out;
    }
    20%, 60% {
        -webkit-transform: rotate(80deg);
        -webkit-transform-origin: top left;
        -webkit-animation-timing-function: ease-in-out;
    }
    40% {
        -webkit-transform: rotate(60deg);
        -webkit-transform-origin: top left;
        -webkit-animation-timing-function: ease-in-out;
    }
    80% {
        -webkit-transform: rotate(60deg) translateY(0);
        opacity: 1;
        -webkit-transform-origin: top left;
        -webkit-animation-timing-function: ease-in-out;
    }
    100% {
        -webkit-transform: translateY(700px);
        opacity: 0;
    }
}

@keyframes hinge {
    0% {
        transform: rotate(0);
        transform-origin: top left;
        animation-timing-function: ease-in-out;
    }
    20%, 60% {
        transform: rotate(80deg);
        transform-origin: top left;
        animation-timing-function: ease-in-out;
    }
    40% {
        transform: rotate(60deg);
        transform-origin: top left;
        animation-timing-function: ease-in-out;
    }
    80% {
        transform: rotate(60deg) translateY(0);
        opacity: 1;
        transform-origin: top left;
        animation-timing-function: ease-in-out;
    }
    100% {
        transform: translateY(700px);
        opacity: 0;
    }
}

.hinge {
    -webkit-animation-name: hinge;
    animation-name: hinge;
}
</style>

</head>
<body>

<div ></div>
<button onclick="myFunction()">Reload page</button>

<script>
    function myFunction() {
        location.reload();
    }

```

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

It will produce the following result –

