

CSS3 - ANIMATION

http://www.tutorialspoint.com/css/css3_animation.htm

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Animation is process of making shape changes and creating motions with elements.

@keyframes

Keyframes will control the intermediate animation steps in CSS3.

Example of key frames with left animation

```
@keyframes animation {
  from {background-color: pink;}
  to {background-color: green;}
}
div {
  width: 100px;
  height: 100px;
  background-color: red;
  animation-name: animation;
  animation-duration: 5s;
}
```

The above example shows height, width, color, name and duration of animation with keyframes syntax

Moving left animation

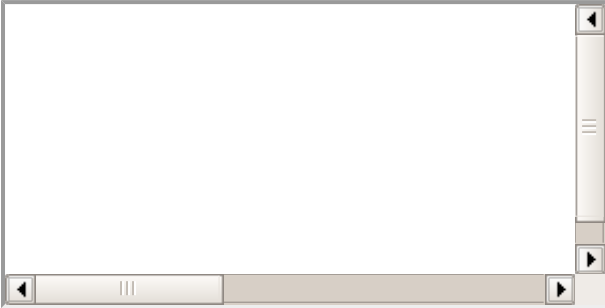
```
<html>
  <head>

    <style type="text/css">
      h1 {
        -moz-animation-duration: 3s;
        -webkit-animation-duration: 3s;
        -moz-animation-name: slidein;
        -webkit-animation-name: slidein;
      }
      @-moz-keyframes slidein {
        from {
          margin-left:100%;
          width:300%
        }
        to {
          margin-left:0%;
          width:100%;
        }
      }
      @-webkit-keyframes slidein {
        from {
          margin-left:100%;
          width:300%
        }
        to {
          margin-left:0%;
          width:100%;
        }
      }
    </style>

  </head>
  <body>
    <h1>Tutorials Point</h1>
    <p>this is an example of moving left animation .</p>
    <button onclick="myFunction()">Reload page</button>
```

```
<script>
  function myFunction() {
    location.reload();
  }
</script>
</body>
</html>
```

It will produce the following result –



Moving left animation with keyframes

```
<html>
<head>

<style type="text/css">
  h1 {
    -moz-animation-duration: 3s;
    -webkit-animation-duration: 3s;
    -moz-animation-name: slidein;
    -webkit-animation-name: slidein;
  }
  @-moz-keyframes slidein {
    from {
      margin-left:100%;
      width:300%
    }
    75% {
      font-size:300%;
      margin-left:25%;
      width:150%;
    }
    to {
      margin-left:0%;
      width:100%;
    }
  }
  @-webkit-keyframes slidein {
    from {
      margin-left:100%;
      width:300%
    }
    75% {
      font-size:300%;
      margin-left:25%;
      width:150%;
    }
    to {
      margin-left:0%;
      width:100%;
    }
  }
</style>

</head>
<body>
<h1>Tutorials Point</h1>
```

```
<p>This is an example of animation left with an extra keyframe to make text
changes.</p>
<button onclick="myFunction()">Reload page</button>
<script>
  function myFunction() {
    location.reload();
  }
</script>
</body>
</html>
```

It will produce the following result –

