




CSS Animations

Animations and Keyframes

Keyframes

- The `@keyframes` CSS at-rule controls the intermediate steps in a CSS animation sequence by defining styles for keyframes (or waypoints) along the animation sequence. This gives more control over the intermediate steps of the animation sequence than transitions.

```
@keyframes my-animation {  
  0% {  
    background-color:  blue;  
  }  
  
  50% {  
    background-color:  red;  
  }  
  
  100% {  
    background-color:  green;  
  }  
}
```

Animation Property

- Name
- Animation-duration – time value
- Timing function – linear, ease-in, ease-out, ease-in-out
- Delay – time value
- Iteration count – number, infinite
- Direction – Normal, Reverse, Alternate, Alternate-reverse
- Fill Mode - forwards

```
animation: loading-bar 2s 1s ease-in alternate forwards infinite;
```

Animation values order

- Order doesn't matter except for the time values i.e. animation-duration and delay i.e. you can provide the values for animation property in any order that you see fit.
- Css will automatically choose and assign appropriate suitable values to the right property.
- The only problem in this occurs with animation-duration and delay values as both accept a time duration.
- To resolve this conflict, CSS assigns first time value to animation-duration and the second time value to delay.