

# CSS

## TRANSITIONS ON BUTTONS

### The CSS Transition Property

is comprised of 4 elements. With these you can control changes in transitions, for example, background-color, transform (ie skewing, rotating, translating, or scaling) and other CSS properties.

#### CSS SYNTAX

```
transition: all 0.5s ease-in-out 1s;
```

#### Property:

Specifies the name or names of the CSS properties to which the transitions should be applied. Such as width, height, all or none.

#### Duration:

Specifies the time duration over which transitions should occur. Such as 10s is long, .1s is short.

#### Timing:

Specifies the timing function to be used for the transition. Such as ease, ease-in, ease-in-out, etc

#### Delay:

Specifies how long to wait between the time a property is changed and the transition will actually begin.

### CSS Transforms

Allow you to rotate, skew, scale and translate elements. Read more about them at w3Schools.

#### CSS STARTER CODE FOR A BUTTON

```
body > button {  
  background: red;  
  color: #fff;  
  border:0;  
  height: 60px;  
  width: 150px;  
  line-height: 60px;  
  margin: 20px 20px;  
  font-family: sans-serif;  
  font-size: 20px;  
  text-align: center;  
  transition: all 0.3s  
  ease 0s;  
}
```

### TO DARKEN A BUTTON

To darken a button, simply set the background color to a darker shade when :hover is activated. check out [0to255.com](http://0to255.com) for a great tool that helps you grab color variations.

#### CSS CODE SNIPPET

```
button:hover {  
  background: maroon;  
}
```

### FADE OUT

To fade out an element, first set opacity to 1 by default. Then, reduce the opacity to 0.75 when :hover is activated. Feel free to play around with the opacity setting.

#### CSS CODE SNIPPET

```
button {  
  opacity: 1;  
}  
  
button:hover {  
  opacity: 0.75;  
}
```

### GROWING BUTTON

Reveal extra text hidden in white when the button grows in width.

#### CSS CODE SNIPPET

```
button:hover {  
  width:250px;  
}
```

### REMEMBER: IF YOUR BUTTON CONTAINS ANCHOR LINKS

Be sure to turn off any default text decoration by setting to none to avoid default underlines.

#### CSS CODE SNIPPET

```
a {  
  text-decoration:none;  
}
```

### CHANGE COLOR

To transition the color of the button, select a different background color when :hover is activated.

#### CSS CODE SNIPPET

```
button:hover {  
  background: seagreen;  
}
```

### INSET BORDER

To create an inset border, use the following CSS box-shadow properties. Feel free to increase or decrease the size of the box-shadow to your liking.

#### CSS CODE SNIPPET

```
button:hover {  
  box-shadow:inset 0 0 0 5px;  
}
```

### BE SURE TO INCLUDE CROSS BROWSER PREFIXES

For best performance:

```
-webkit-transition: back-ground-color 2s ease-out;
```

```
-moz-transition: background-color 2s ease-out;
```

```
-o-transition: background-color 2s ease-out;
```

```
transition: background-color 2s ease-out;
```