# Advanced CSS Transitions + Shapes

# Transitions

Allow property changes in CSS values to occur smoothly over a specified duration.

Apply to element that will be changing.

Requires a trigger (aka :hover)

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```css
.button {
  background: #6bcc15;
  border-radius: 6px;
  cursor: pointer;
  height: 300px;
  line-height: 95px;
  text-align: center;
  transition-property: background;
  transition-duration: 1s;
  transition-delay: .2s;
  transition-timing-function: linear;
  width: 300px;
}

.button:hover {
  background: #ef2f6e;
}
```

# Transitions

**Timing Units**

Seconds (s) or milliseconds (ms)

```css
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  background: #6bcc15;
  border-radius: 6px;
  cursor: pointer;
  height: 300px;
  line-height: 95px;
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# Transitions

## Common Timing Functions
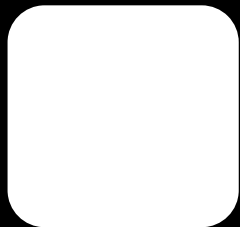linear

ease

ease-in

ease-in-out

ease-out

*Codepen Examples

```css
.button {
  background: #6bcc15;
  border-radius: 6px;
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  width: 300px;
}

.button:hover {
  background: #ef2f6e;
}
```

# Custom CSS Shapes

# Rounded Corners

**1 value** — all 4 corners

```
.button {

    border-radius:  10px;

}
```

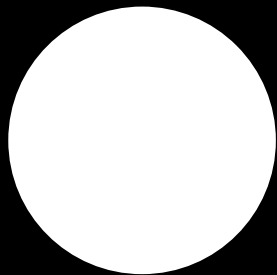# Rounded Corners

**4 values** – individual corners

```
.button {
    border-radius:  10px 4px 3px 10px;
}
```
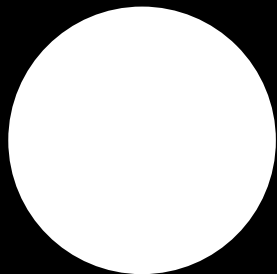
# Circle

**Create a circle using %**

```css
.circle {
    height: 100px;
    width: 100px;
    border-radius: 50%;
}
```

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```css
.circle {
    height: 100px;
    width: 100px;
    border-radius: 50%;
}
```

**For more shapes check out:** http://css-tricks.com/examples/ShapesOfCSS/