

# Transitions

## Transitions

- **When elements transition from one state to another, you can alter their appearance**
  - **If you hover over the link, change the color**
  - **If an image comes into focus, change the size,**





# The Properties

- **transition-property**
  - What is it you want to change? (size, color, position, etc.)
- **transition-duration**
  - How long should each transition last?
- **transition-timing**
  - Should it be a smooth transition (linear)? Or different?
- **transition-delay**
  - How long should the wait be before the transition begins?

## Setting up

1. Define your element
2. Choose the elements for transition
3. Define the new values
  - You must combine this step with a pseudo-class

## Example (CSS3-transitions)

```
div {  
  color: #000000;  
  background: #2db34a;  
  line-height: 200px;  
  text-align: center;  
  width: 250px;  
  height: 200px;  
  border-radius: 6px;  
  transition: color 0.5s;  
  transition: background 0.5s;  
  transition: line-height 0.5s;  
  transition: text-align 0.5s;  
  transition: width 0.5s;  
  transition: height 0.5s;  
  transition: border-radius 0.5s;  
}
```



## Using Shorthands

- If you have multiple properties transitioning, you can use shorthand:

```
transition: background .2s linear, border-radius  
1s ease-in 1s;
```

# Review



# Acknowledgements/Contributions

**These slides are Copyright 2015- Colleen van Lent as part of <http://www.intro-webdesign.com/> and made available under a Creative Commons Attribution Non-Commercial 4.0 License. Please maintain this last slide in all copies of the document to comply with the attribution requirements of the license. If you make a change, feel free to add your name and organization to the list of contributors on this page as you republish the materials.**

**Initial Development: Colleen van Lent , University of Michigan School of Information**

