

# Floating through school

Or how I grew to love the box model

# Review

Complete	1	2	3	4	5	6	7	8	9	10	11	12
100%	●	●	●	●	●	●	●	●	●	●	●	●
74%	●	●	●	●	●	●	●	●	●			
57%	●	●	●	●	●	●	●	●				
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	LAST	CHG	%CHG	RANGE: 1 DAY
DJIA	15494.78	+118.72	0.77%	15550
Nasdaq	3717.85	-4.34	0.12%	15495
S&P 500	1697.60	+9.61	0.57%	
Global Dow	2317.88	+19.59	0.85%	
FTSE 100	6622.86	+39.06	0.59%	15381
Nikkei 225	14404.67	+17.40	0.12%	

10a 12p 2p  
9/16/13 4:34 PM EDT

Include my portfolio here. (no thanks)

Market Data MoneyBeat Watchlist Portfolio Customize Pop Out

LET'S FACE IT TOGETHER™

Back Forward Reload

Save As...  
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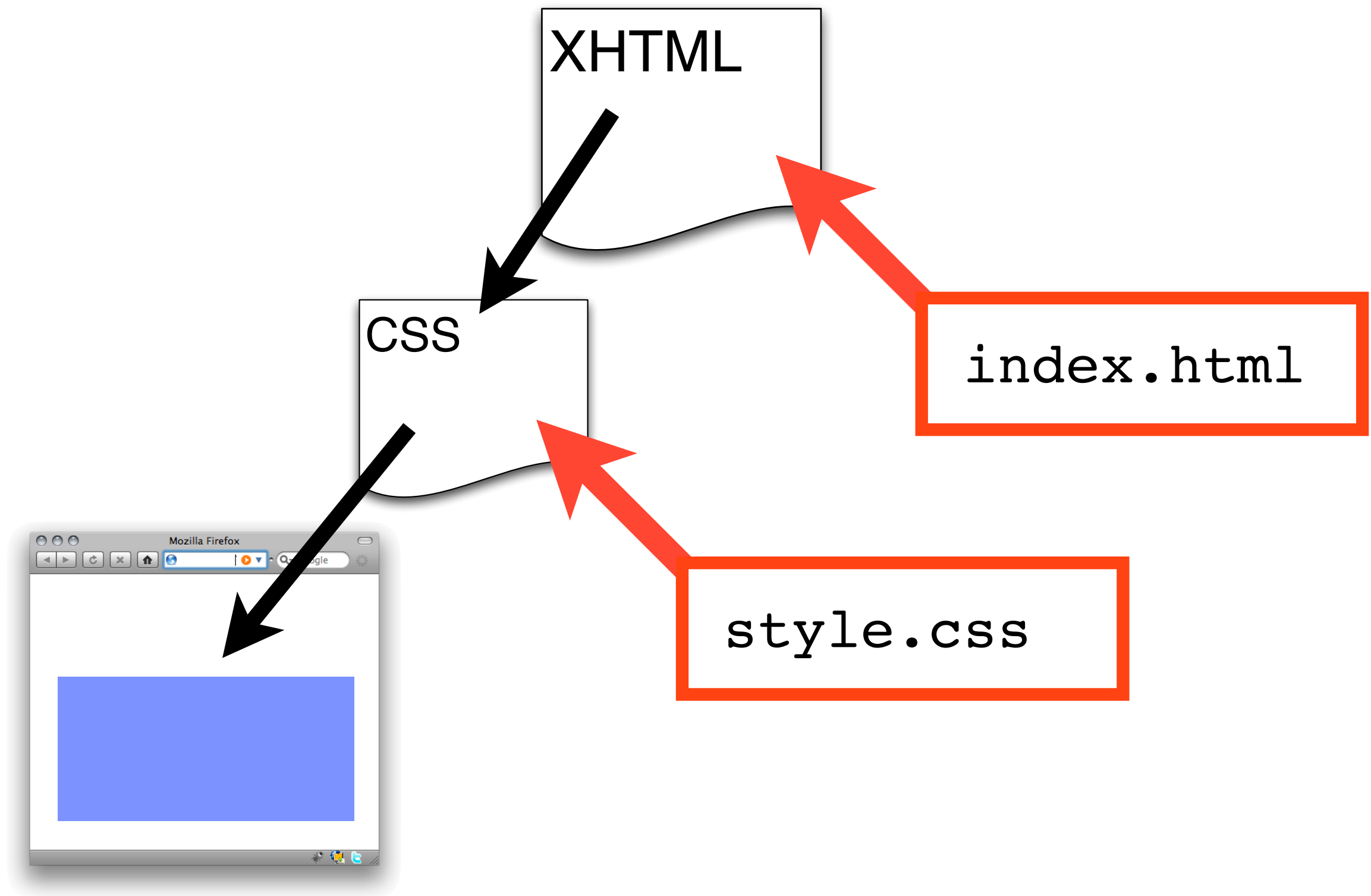
Evernote Web Clipper  
JSONView

Inspect Element

Yellen Now Front-Runner for Fed Chief  
Yellen emerged as the front-runner to become President Obama's nominee to lead the central bank after Lawrence Summers pulled out of the race.

A family member of a Navy Yard worker who was...  
...died in D.C. Navy Yard

# Using Inspector



# External Stylesheets

# Stylesheet <style> Syntax

tag, id, class  
or combination  
of all 3

selector {  
attribute:value;  
}

almost as many  
attributes as there  
are html tags

```
<html>
<head>
  <style type="text/css" media="screen">
    .article { background-color:orange; }
    #first { background-color:green; }
  </style>
</head>
<body>
  <p id="first" class="article" style="background-
color:blue;">This is where I'd put lorem ipsum text
if I had <a href="http://adobe.com/
inDesign/">inDesign</a> installed so I could use
the lorem ipsum text generator. Instead, this is
just an example of multiple sentences that one
could then use to infer the presence of a paragraph
of text.</p>
</body>
</html>
```

# New CSS Properties

- color
- background-color
- border
- font-family
- comments
- font-size, em vs px
- width, height
- text-decoration



# Styling Methods in Depth

```
<html>
<head>
  <style type="text/css" media="screen">
    .article { background-color:orange; }
    #first { background-color:green; }
  </style>
</head>
<body>
  <p id="first" class="article" style="background-
color:blue;">This is where I'd put lorem ipsum text
if I had <a href="http://adobe.com/
inDesign/">inDesign</a> installed so I could use
the lorem ipsum text generator. Instead, this is
just an example of multiple sentences that one
could then use to infer the presence of a paragraph
of text.</p>
</body>
</html>
```

```
<head>
  <style type="text/css" media="screen">
    .article {
      background-color:orange;
    }

    .navigation {
      background-color:green;
    }

    .container {
      border: 1px solid black;
    }

    a {
      background-color:yellow;
    }
  </style>
</head>
```

# Special Styling

Margins, Padding, Width and Height

# Width and Height

- CSS properties that can be applied to pretty much anything
- Control the width or height of a selector
- Width used much more frequently than height

# The height Attribute

```
selector {  
  height: 10px;  
}
```

# Height

```
<html>
  <head>
    <style type="text/css" media="screen">
      .amazing {
        background-color:yellow;
      }
    </style>
  </head>
  <body>
    <div class="amazing"></div>
  </body>
</html>
```





# Width

```
<html>
  <head>
    <style type="text/css" media="screen">
      .amazing {
        background-color:yellow;
        height:20px;
      }
    </style>
  </head>
  <body>
    <div class="amazing"></div>
  </body>
</html>
```



# Width

```
<html>
  <head>
    <style type="text/css" media="screen">
      .amazing {
        background-color:yellow;
        height:20px;
        width:20px;
      }
    </style>
  </head>
  <body>
    <div class="amazing"></div>
  </body>
</html>
```



# Box Position

# The float Attribute

- CSS property that can be applied to pretty much anything
- Moves block-level objects inline with each other

# Floating

```
.green {  
  width:300px;  
  height:50px;  
  background-color:green;  
}
```

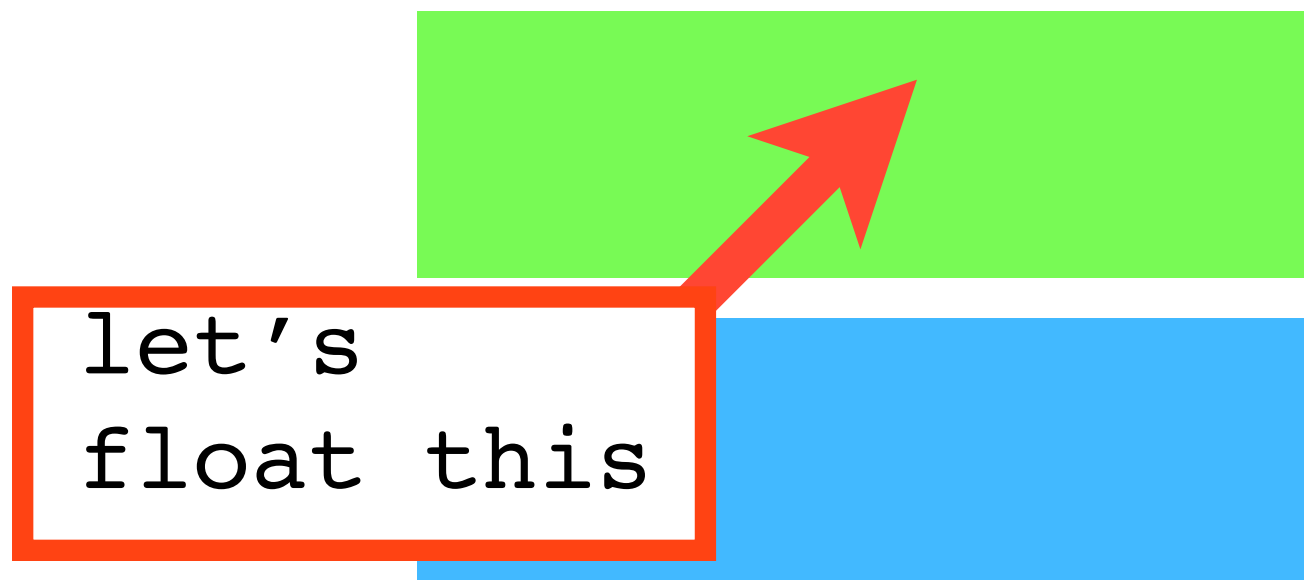
```
.blue {  
  width:300px;  
  height:50px;  
  background-color:blue;  
}
```

# Floating

```
<body>  
  <div class="green">Content</div>  
  <div class="blue">Content</div>  
</body>
```



# Floating Layout

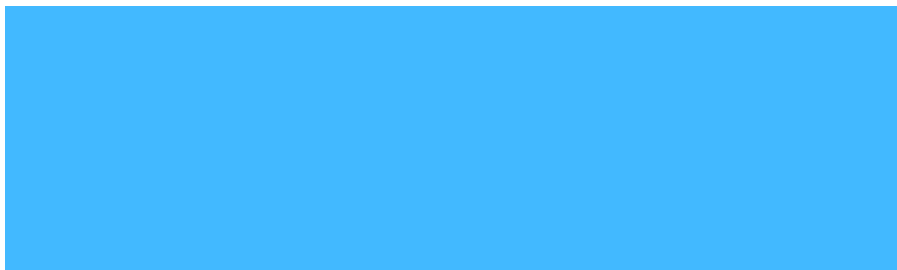


# Floating

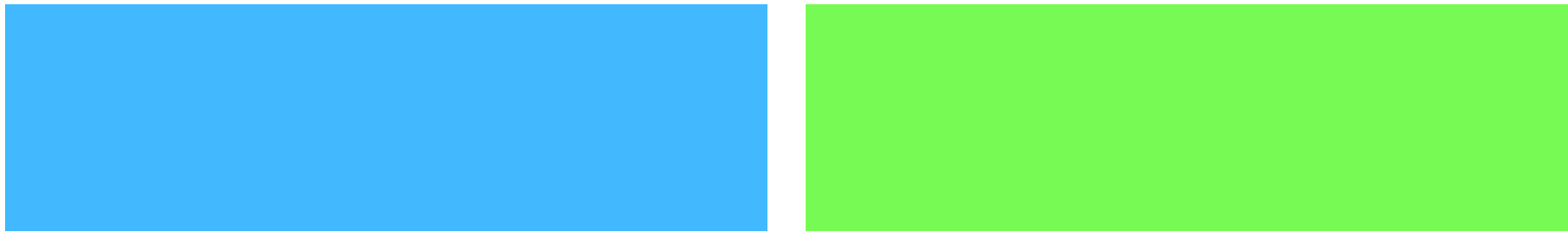
```
.green {  
  width:300px;  
  height:50px;  
  display:block;  
  background-color:green;  
  float:right;  
}
```

```
.blue {  
  width:300px;  
  height:50px;  
  display:block;  
  background-color:blue;  
}
```

# Floating Layout



# Floating Layout



# The float Attribute

- Objects that are floated move out of the way of objects below themselves
- Objects below a floated object move up in position

# Notes about Floating

- Floats are extremely useful for creating a column structure
- Floating can cause layout problems, specifically with backgrounds
- Floats are conceptually easy, but take forever to master

# Floated Columns

```
<html>
  <head>
    <style type="text/css" media="screen">
      .amazing {
        float:left;
        width:200px;
      }
    </style>
  </head>
  <body>
    <div class="amazing">
      <div id="column1">This is column 1.</div>
    </div>
    <div class="amazing">
      <div id="column2">This is column 2.</div>
    </div>
  </body>
</html>
```

# Floated Layout

This is  
column 1

This is  
column 2



# Floated Columns

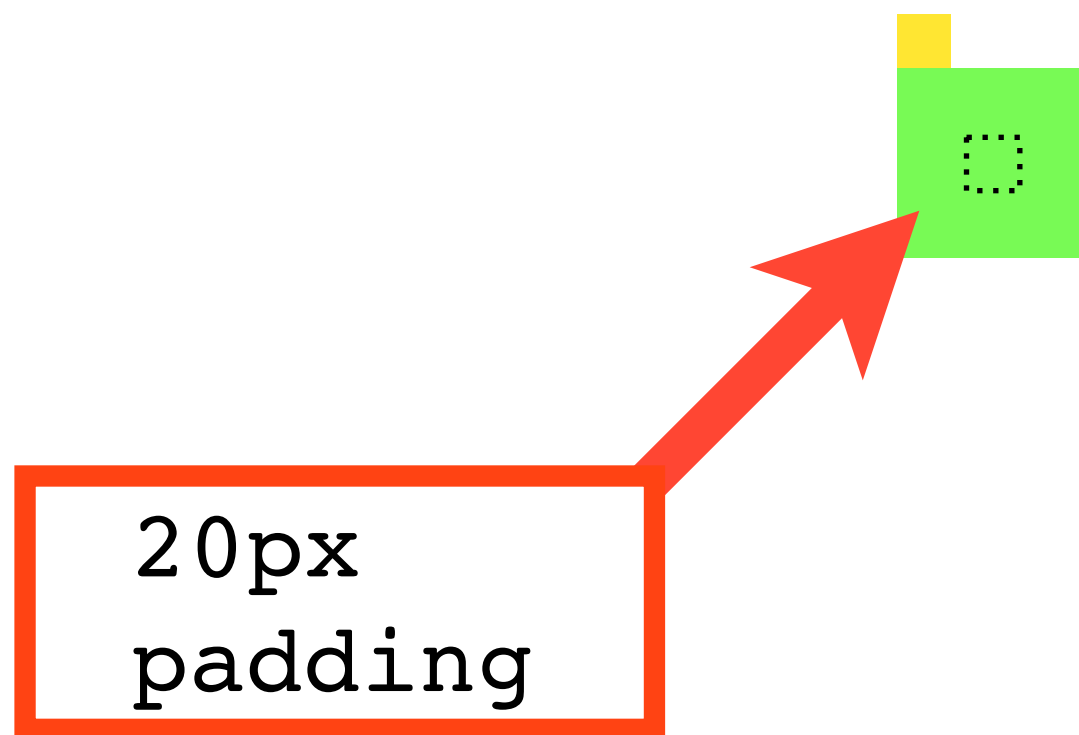
```
<html>
  <head>
    <style type="text/css" media="screen">
      .amazing {
        float:left;
        clear:right;
        width:200px;
      }
    </style>
  </head>
  <body>
    <div class="amazing">
      <div id="column1">This is column 1.</div>
    </div>
    <div class="amazing">
      <div id="column2">This is column 2.</div>
    </div>
  </body>
</html>
```

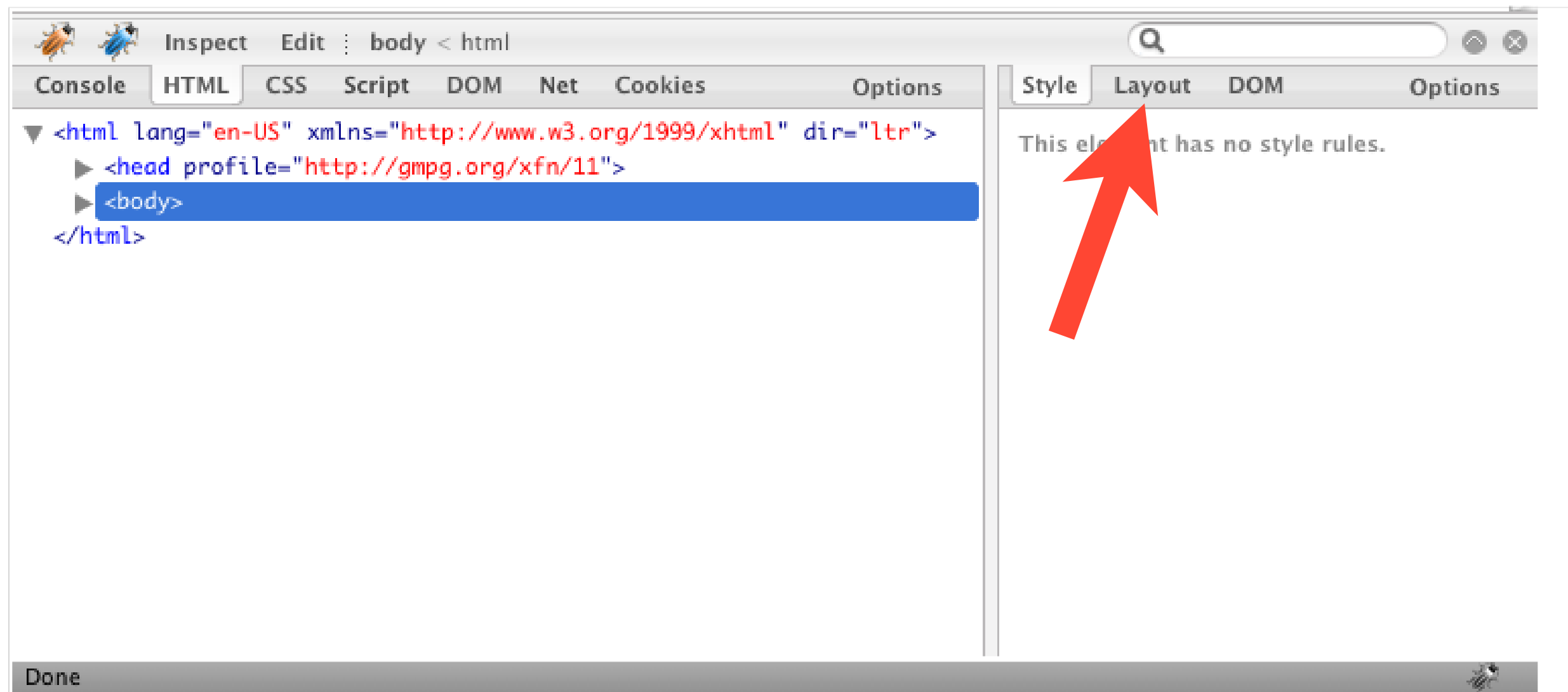
# Padding

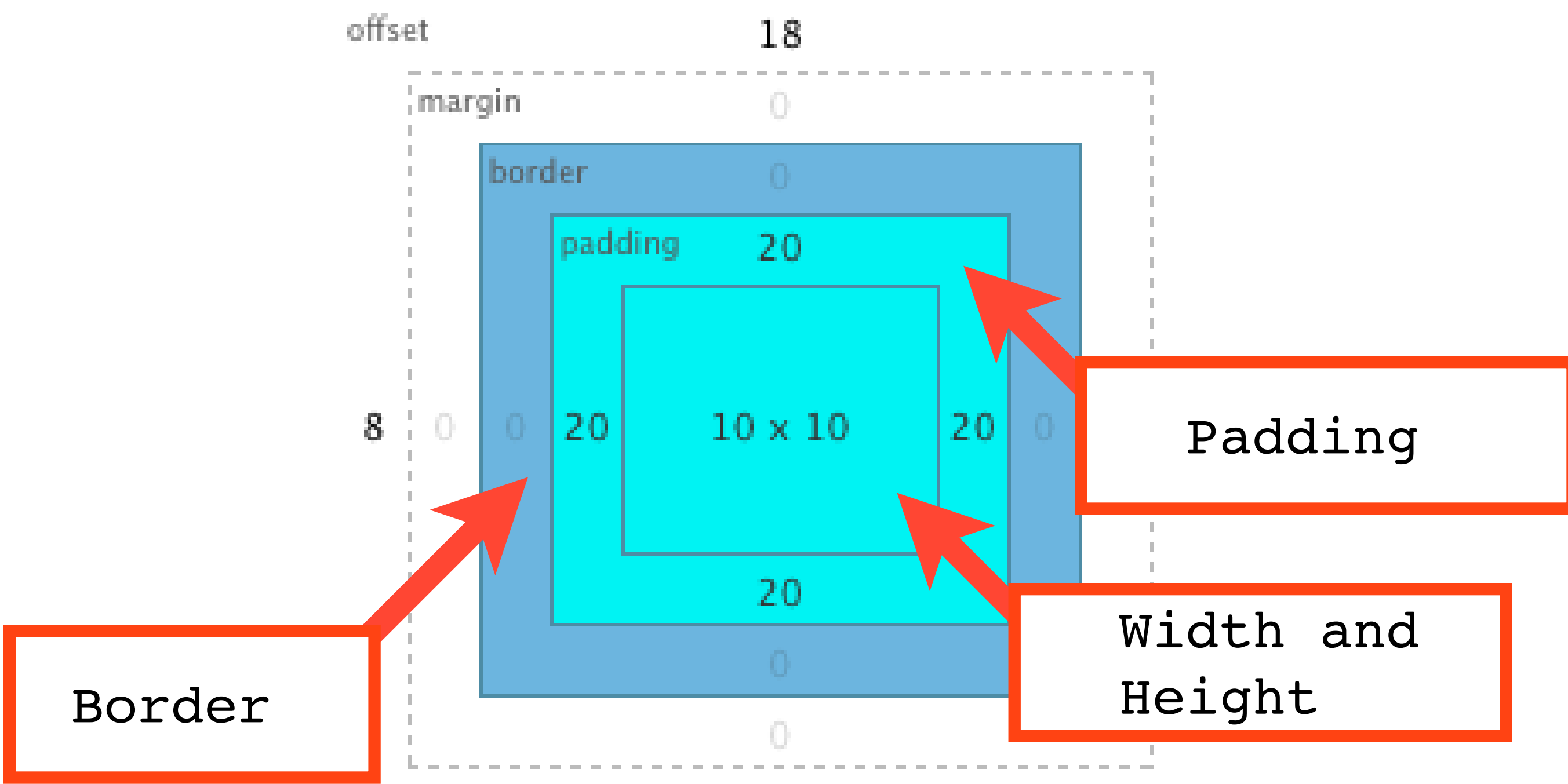
- CSS properties that can be applied to pretty much anything
- Extends the space around an object
- Extremely useful

# Padding

```
<head>
  <style type="text/css" media="screen">
    .amazing {
      background-color:yellow;
      height:20px;
      width:20px;
    }
    .awesome {
      background-color:green;
      height:20px;
      width:20px;
      padding:20px;
    }
  </style>
</head>
<body>
  <div class="amazing"></div>
  <div class="awesome"></div>
</body>
```







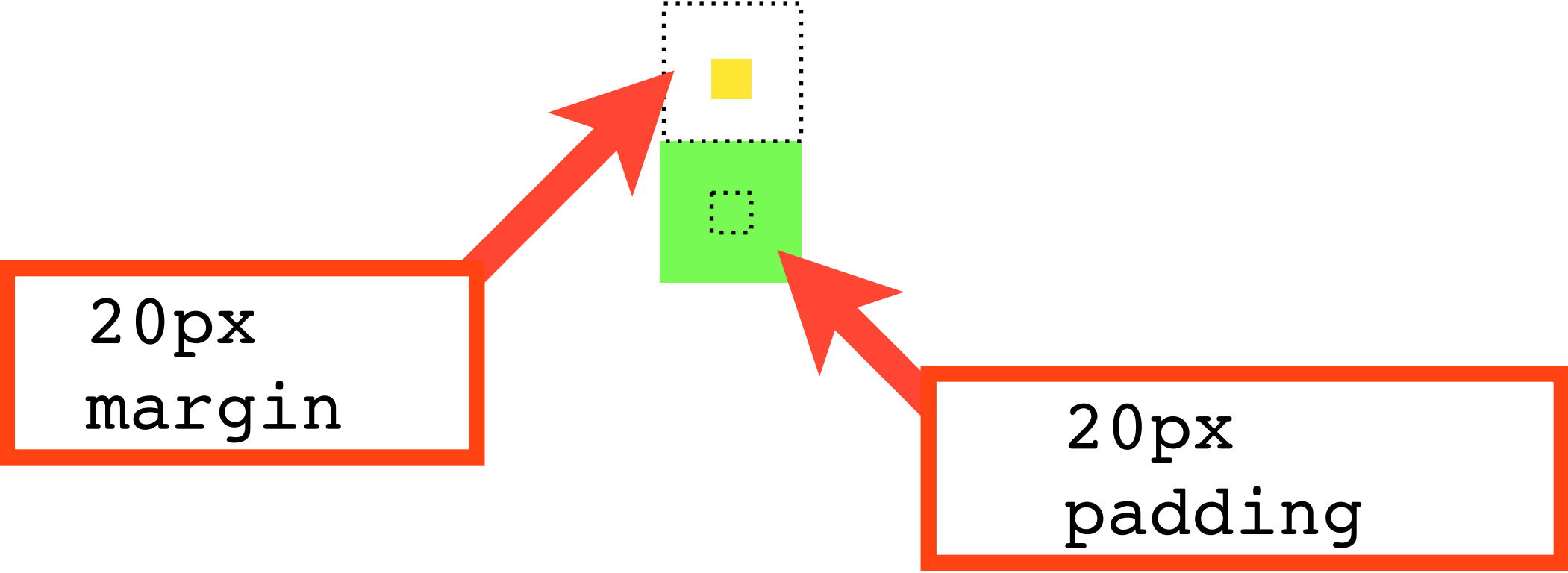
# Margin

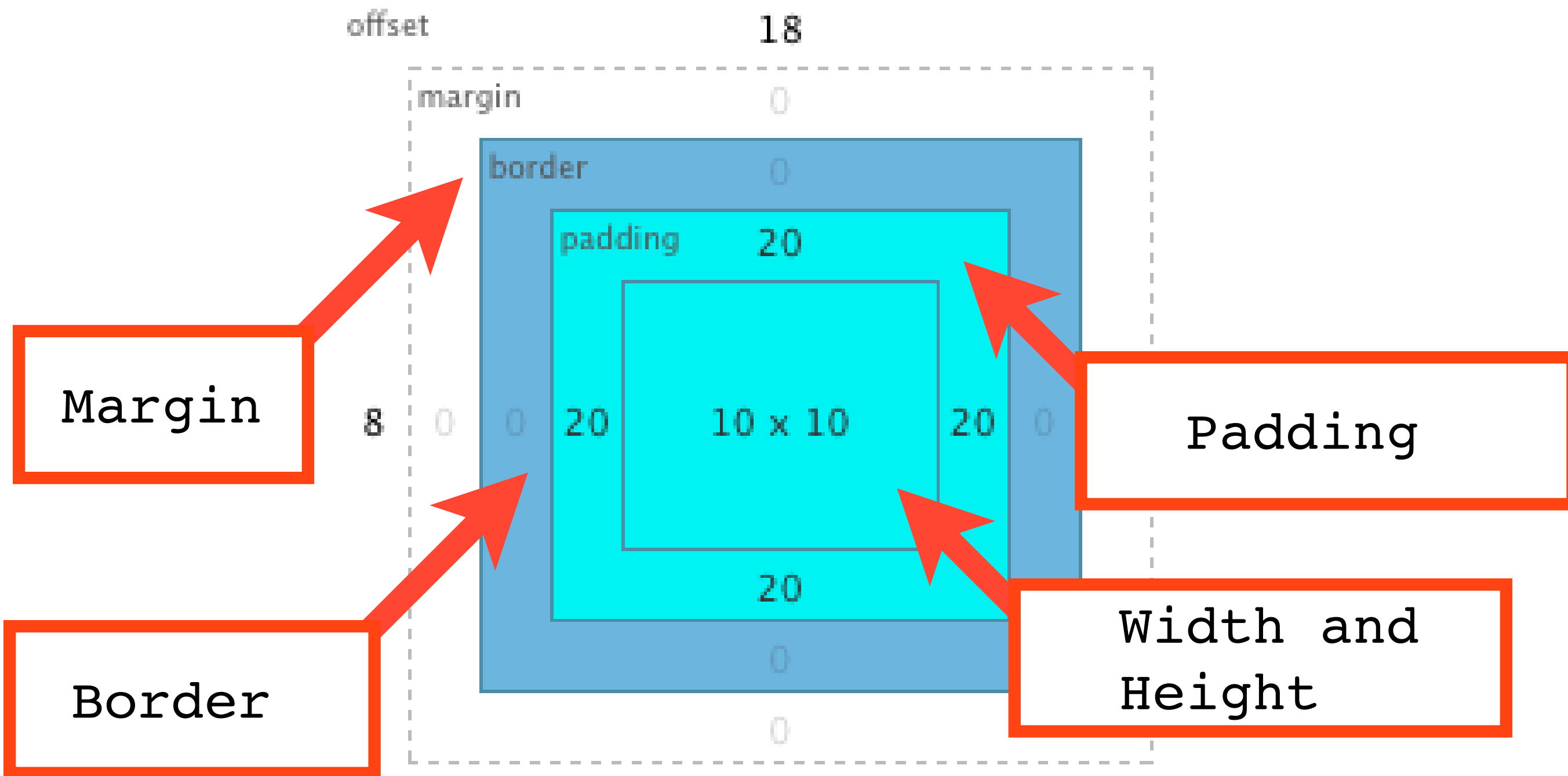
- CSS properties that can be applied to pretty much anything
- Control the space between objects
- Extremely useful

# Margin

```
.amazing {  
    background-color:yellow;  
    height:20px;  
    width:20px;  
    margin:20px;  
}  
.awesome {  
    background-color:green;  
    height:20px;  
    width:20px;  
    padding:20px;  
}
```







# Margin vs Padding

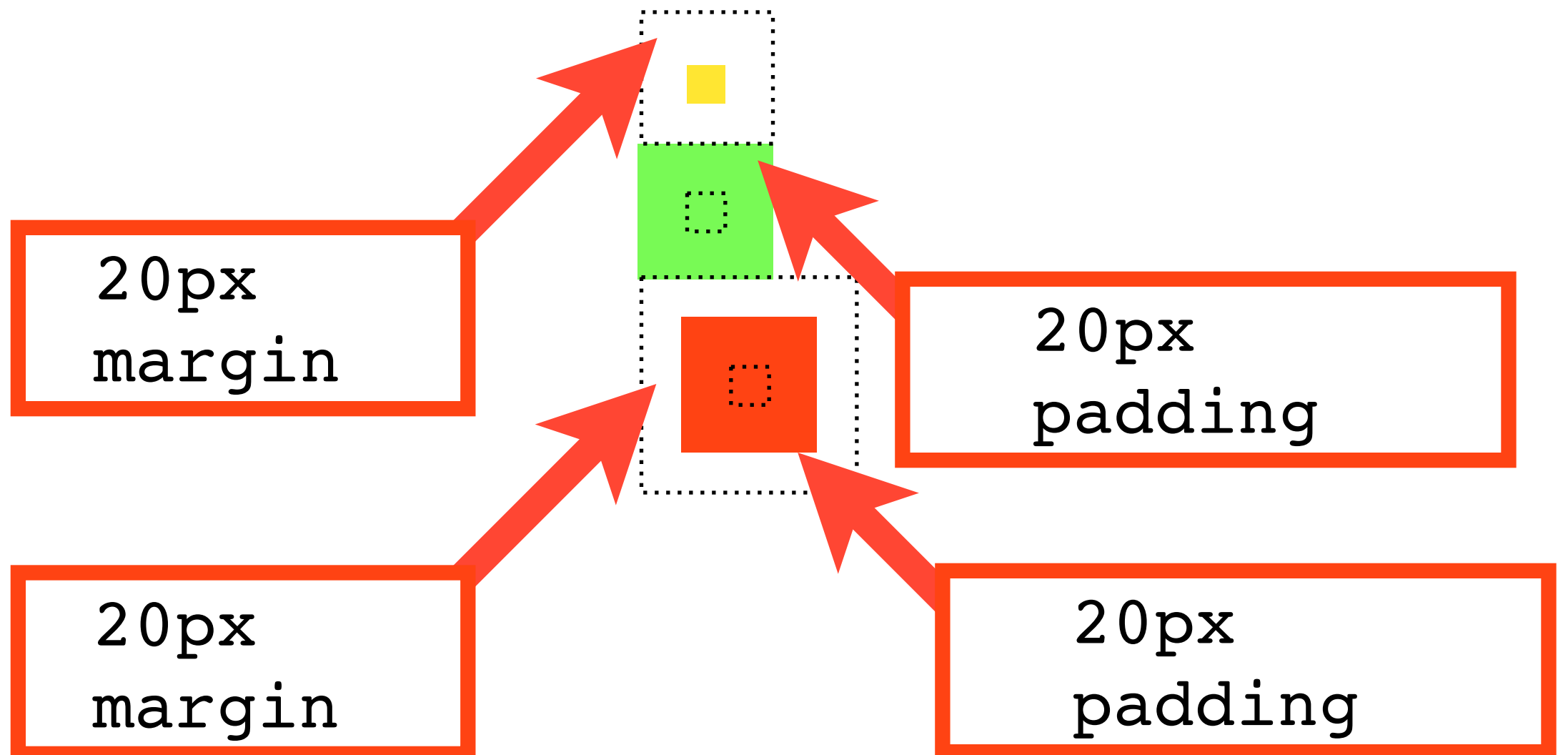
- Margin adds space around an object
- Padding increases the size of an object
- Padding increases the background area
- Borders appear between margin and padding

# Margin and Padding

```
.amazing {  
    background-color:yellow;  
    height:20px;  
    width:20px;  
    margin:20px;  
}  
  
.awesome {  
    background-color:green;  
    height:20px;  
    width:20px;  
    padding:20px;  
}  
  
.super {  
    background-color:red;  
    height:20px;  
    width:20px;  
    padding:20px;  
    margin:20px;  
}
```

# Padding

```
<body>  
  <div class="amazing"></div>  
  <div class="awesome"></div>  
  <div class="super"></div>  
</body>
```



# Advanced Spacing

# Advanced Padding

```
.amazing {  
  background-color:yellow;  
  padding-left:10px;  
  padding-top:20px;  
  padding-right:30px;  
  padding-bottom:0;  
}
```



Text

# Advanced Margins

```
.amazing {  
  background-color:yellow;  
  margin-left:10px;  
  margin-top:20px;  
  margin-right:30px;  
  margin-bottom:0;  
}
```

Text

# Shorthand

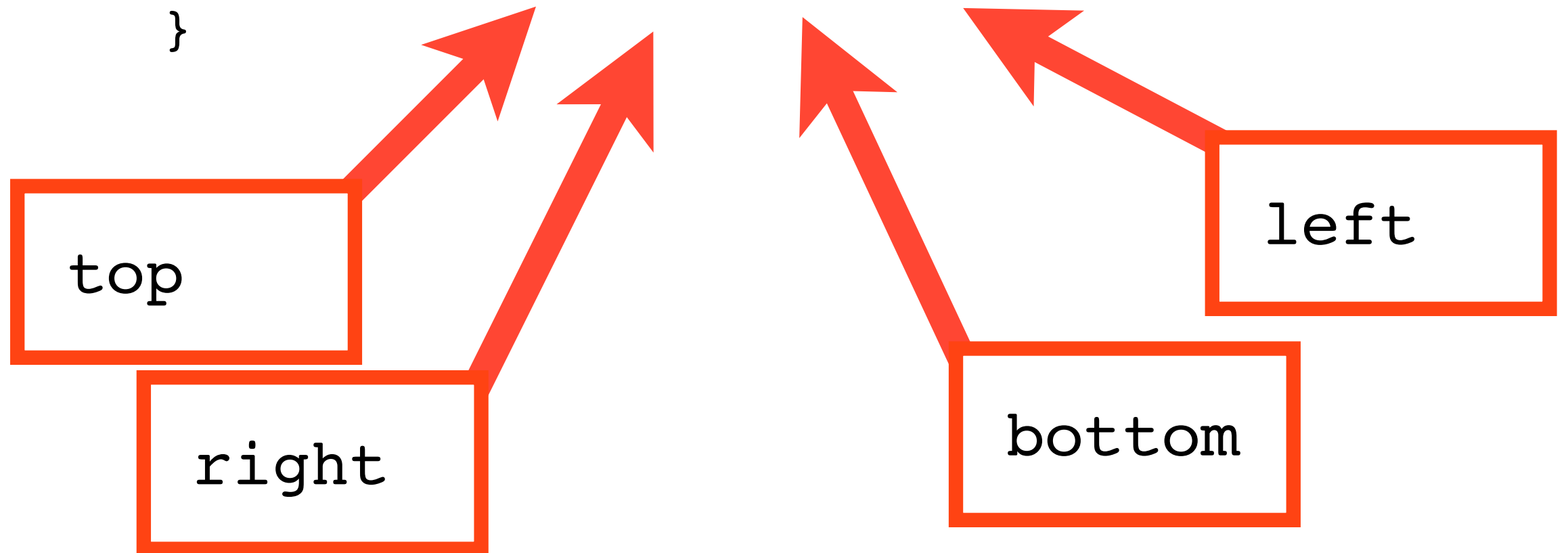
```
.amazing {  
  background-color:yellow;  
  padding: 1px 4px 8px 4px;  
}
```

top

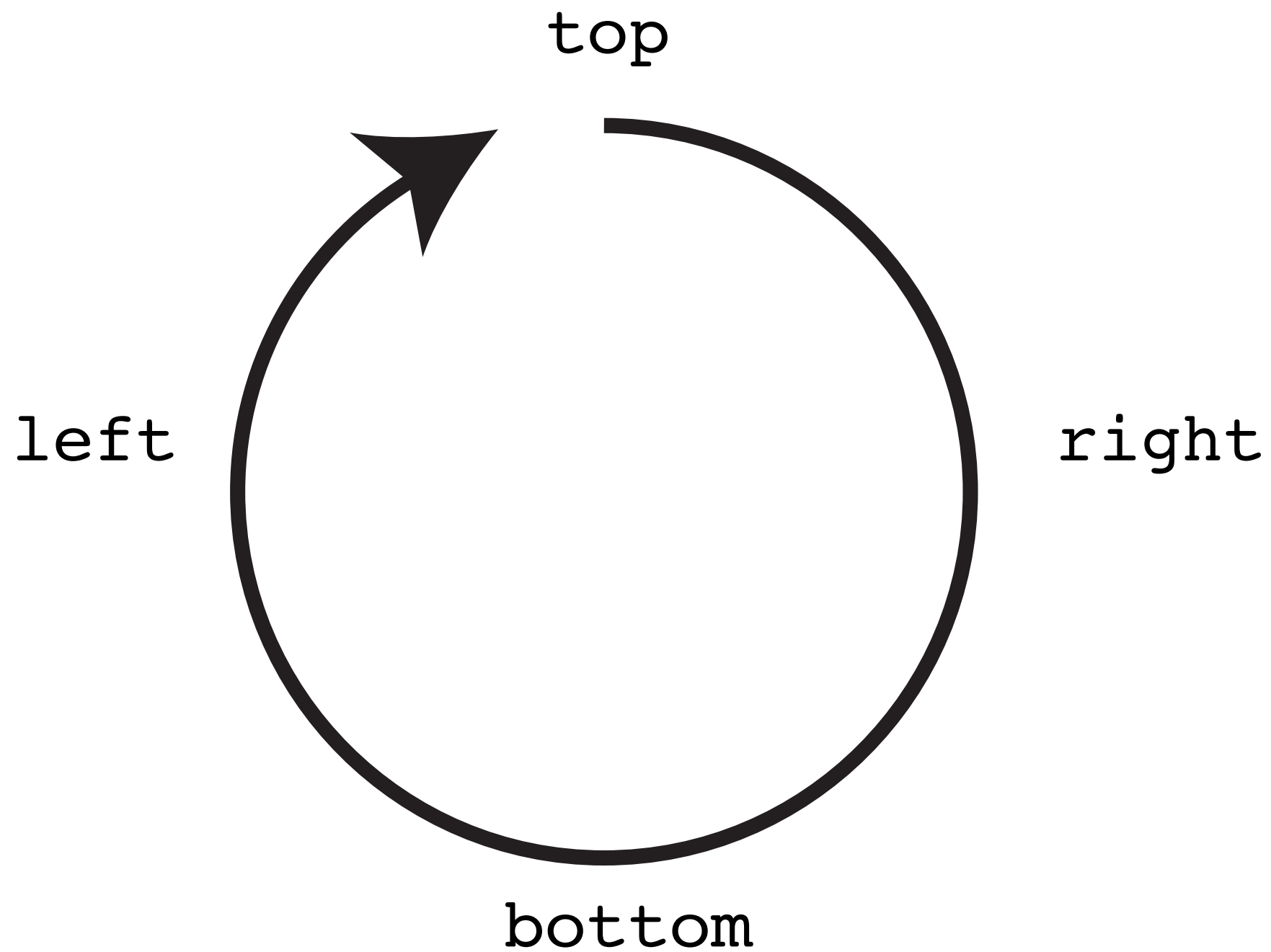
right

bottom

left



# Shorthand



## **Assignment: Make a wireframe!**

Create another new document, using mostly borders and background-colors, to create a wireframe-esque document.

- Think back to the wireframing assignment
- Use id or class names on every div
- Float objects to create columns
- Try putting floated objects within a width-specific object