

# Cascading Style Sheets

Session 6

**CSS = Presentation**

# Properties

Name 'em

p { }

ALL <p> TAGS

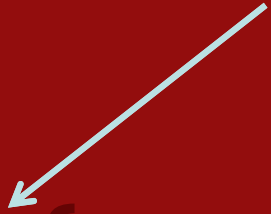
```
p {
```

```
text-align: left;
```

```
}
```

**ALL <p> TAGS WILL BE ALIGNED TO THE LEFT**

**SELECTOR**



**p** {

`text-align: left;`

}

```
p {
```

```
text-align: left;
```

```
}
```



**DECLARATION**

```
p {
```

```
text-align: left;
```

```
}
```



**PROPERTY**

```
p {
```

```
  text-align: left;
```

```
}
```



**VALUE**

```
p {
```

```
    text-align: left;
```

```
}
```

**RULE**

```
p {
```

```
text-align: left;
```

```
color: #FFFFFF;
```

```
}
```

**ALL <p> TAGS WILL BE ALIGNED TO THE LEFT and WHITE**

```
p {  
    text-align: left;  
    color: #FFFFFF;  
    font-size: 20px;  
}
```

**ALL <p> TAGS WILL BE ALIGNED TO THE LEFT, WHITE, and 20 pixels tall**

# Grouped Selectors

```
p , em {  
    color : red ;  
}
```

ALL <p> AND <em> TAGS WILL BE RED

# Descendant Selectors

```
p em {  
  color: red;  
}
```

ALL `<em>` INSIDE `<p>` TAGS WILL BE RED

# Division

`<div>Chunk it up</div>`

```
<h3>About Me</h3>
```

```
<p>I really like  
ponies and horses  
and lollipops</p>
```

```
<div>
```

```
  <h3>About Me</h3>
```

```
  <p>I really like  
  ponies and horses  
  and lollipops</p>
```

```
</div>
```

# Jason Leveille's Blog

A Place Where I Occasionally Write About Things

## Breaking the Maintenance Budget

March 19th, 2009

Anyone who works in web design and development is familiar with spending a lot of time implementing client requests: modify this photo, change this footer text, add this navigation item, remove this link, etc. Knowing this, I try to think about the decisions I'm making while putting together a template or writing code. I often ask myself if the decision I'm currently making will impact maintenance later on.

Poor decisions during development/implementation lead to poor decisions during maintenance. ([via Twitter](#))

The quote above could be reworded to: "Poor decisions during development/implementation lead to more difficult maintenance later on". I never claim to be perfect. I know I make mistakes and I try to learn from those mistakes. I try not to judge the work of others, but sometimes it is ok to be judgmental. Sometimes it is ok to speak out

### Thoughts

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Pages  
» Home  
» About Me  
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## NAV

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# CONTENT

# FOOTER

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**id**

stands for identify

**Used only once**

```
<div id="sidebar">  
  <h3>About Me</h3>  
  <p>I really like  
  ponies and horses  
  and lollipops</p>  
</div>
```

```
#sidebar {  
    background: red;  
}
```

```
#sidebar {  
    background: red;  
}
```

```
#sidebar p{  
    font-weight:bold;  
}
```

# Class

stands for classify

**Used as frequently  
as needed**

```
<p>Text</p>
```

```
<p>Text</p>
```

```
<p>Text</p>
```

```
<p>Text</p>
```

```
<p class="highlight">Text</p>
```

```
<p>Text</p>
```

```
<p class="highlight">Text</p>
```

```
<p>Text</p>
```

```
p.highlight {  
  background: yellow;  
}
```

# The Box Model

<http://www.guistuff.com/css/images/boxmodel.png>

**Margin**  
**Border**  
**Padding**  
**Content**

```
p {  
    margin: 20px 10px 20px 10px;  
}
```



```
p {  
    margin: 20px 10px 20px 10px;  
}
```

```
p {  
  margin: 20px;  
}
```

```
p {  
    margin: 20px 10px;  
}
```

```
p {  
    margin: 20px 10px 25px;  
}
```

# **3 ways to include CSS in your HTML files**

# Inline

Example

# Internal

Example

# External

HTML

CSS

# Precedence

**All**

HTML

CSS

**Comments**

< ! - - comment - - >

<!--

Jeffrey Brown

03/24/09

Title

Description

-->

```
/* comment */
```

```
/*
```

```
Jeffrey Brown
```

```
03/24/09
```

```
Title
```

```
Description
```

```
*/
```

# Inheritance

```
p {
```

```
  color: orange;
```

```
}
```

HTML...

```
<p>Hi everyone . </p>
```

Hi *everyone.*

# Color Names

# Hexadecimal

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

**0 - 0**

**1 - 1**

**2 - 2**

**3 - 3**

**4 - 4**

**5 - 5**

**6 - 6**

**7 - 7**

**8 - 8**

**9 - 9**

**10**

**11**

**12**

**13**

**14**

**15**

**0 - 0**

**1 - 1**

**2 - 2**

**3 - 3**

**4 - 4**

**5 - 5**

**6 - 6**

**7 - 7**

**8 - 8**

**9 - 9**

**10 - A**

**11 - B**

**12 - C**

**13 - D**

**14 - E**

**15 - F**

**#000000**

#000000



#000000



Red Intensity

#000000

The image shows the hex color code #000000 in a large, white, sans-serif font. Below the first three zeros, there is a white curly bracket. Similarly, below the last three zeros, there is another white curly bracket. These brackets are used to group the digits and identify the red and green intensity components.

Red Intensity

Green Intensity

#000000



Red Intensity

Green Intensity

Blue Intensity

**Hex values you  
should know**

**#000000**

**#FFFFFF**

**#FFFFFF**

**#CCCCCC**

**#999999**

**#666666**

**#333333**

**#000000**

**#FFF00000**

**#FFF00000**

**#00FF00**

**#00FF00**

**#0000FF**

**#0000FF**

**#F5D7D7**

#F5D7D7

```
p {  
    color: red;  
}
```

```
p {  
    color: #FF0000;  
}
```

```
p {
```

```
  color: rgb( 255 , 0 , 0 ) ;
```

```
}
```

**GO!**

Table Practice

# In Summary

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taken from <http://flickr.com>