

# Web Overview } CSS

# Cascading Style Sheets

- { What is CSS?
- { The Style Tag
- { The Link Tag
- { Anatomy of CSS
- { Basic Rules
- { Common Properties



What is CSS?

# What is CSS?

- { Cascading Styles Sheets
- { Style language
- { Controls visual properties like color, size, thickness, location, borders, etc.
- { The language follows different rules from HTML

# The Style Tag



# The Style Tag

```
<head>  
  <title>My first styles</title>  
  <style type="text/css">  
  
  </style>  
</head>
```

# The Style Tag

```
<head>  
  <title>My first styles</title>  
  <style type="text/css">  
  
  </style>  
</head>
```

# The Style Tag

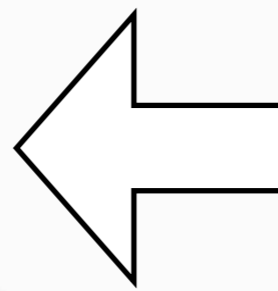
```
<head>
```

```
<title>My first styles</title>
```

```
<style type="text/css">
```

```
</style>
```

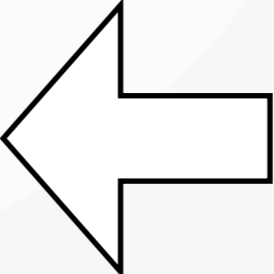
```
</head>
```



All Style information  
goes here

# The Style Tag

```
<head>  
  <title>My first styles</title>  
  <style type="text/css">  
    body{  
      color:#ff0000;  
    }  
  </style>  
</head>
```



**This changes the  
background to red**

# The Link Tag



# The Link Tag

```
<head>
```

```
  <title>My first styles</title>
```

```
  <link href='style.css'  
  type='text/css'  
  rel='stylesheet' />
```

```
</head>
```

# The Link Tag

```
<head>
```

```
  <title>My first styles</title>
```

```
  <link href='style.css'  
        type='text/css'  
        rel='stylesheet' />
```

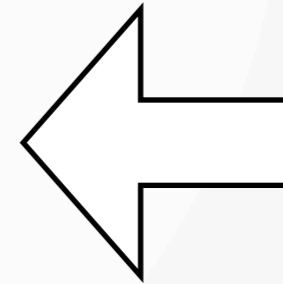
```
</head>
```

# The Link Tag

```
<head>
```

```
<title>My first styles</title>
```

```
<link href='style.css'  
type='text/css'  
rel='stylesheet'
```



```
</head>
```

All Style information is  
in a separate file called  
style.css

# style.css

```
@charset "UTF-8"  
/* CSS DOCUMENT */
```

**Just Start Typing**

# Anatomy of CSS



# CSS Rule

```
h1 {color: green;}
```

# Declaration Block

```
h1 {color: green;}
```

or

```
h2 {  
  color: #ff0000;  
  font-weight: bold;  
}
```

# Selector

```
h1 {color: green;}
```

# Property

```
h1 {color: green; }
```

# Value

```
h1 {color: green;}
```

# Basic Rules



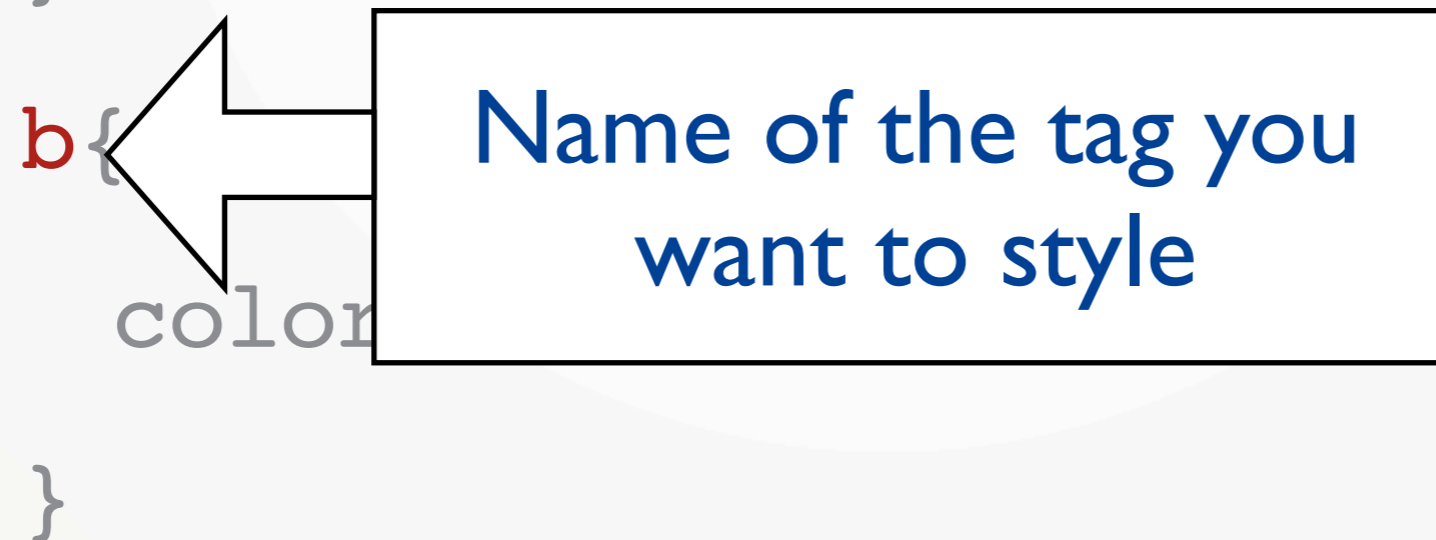
# Basic Rules

- { Styling Specific Tags
- { If you open... you must close
- { Semi Colons at the end of every line
- { As many styles as you need

# Styling Specific Tags

```
body{  
    color:FF0000;  
}  
  
b{  
    color:FFFFFF;  
}
```

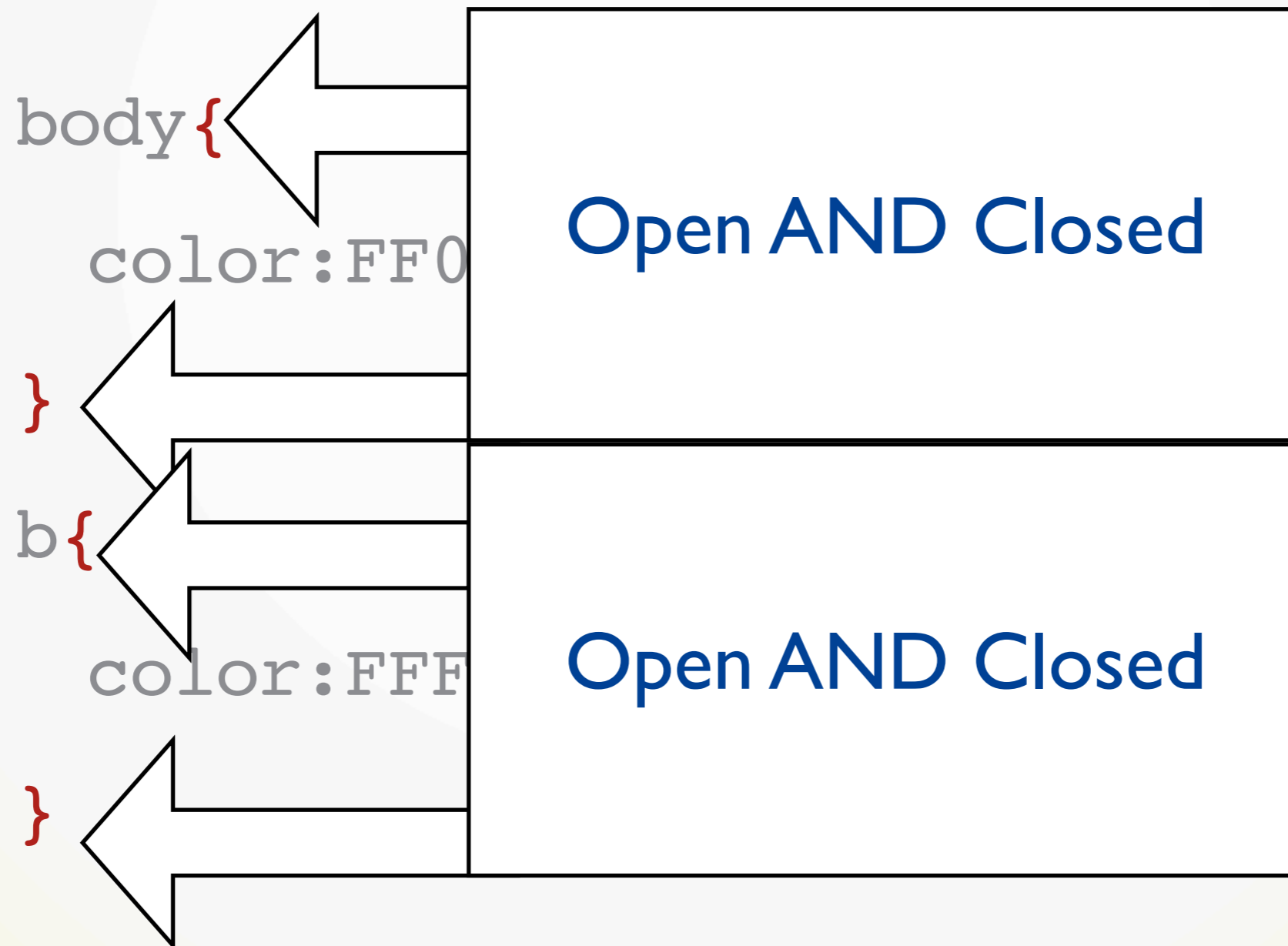
# Styling Specific Tags



# Open and Close Curly Braces

```
body{  
    color:FF0000;  
}  
  
b{  
    color:FFFFFF;  
}
```

# Open and Close Curly Braces



# Semi Colons

```
body{  
    color:FF0000;  
}  
  
b{  
    color:FFFFFF;  
    font-size:15px;  
}
```

# Semi Colons

```
body{
```

```
  color:FF0000;
```

```
}
```

```
b{
```

```
  color:FFFFFF;
```

```
  font-size:15px;
```

```
}
```

At the end of  
every line

At the end of  
every line

# Many Styles as you need

```
b{  
    color:FFFFFF;  
    font-size:15px;  
    text-decoration:underline;  
    background-color:00ff00;  
    font-family:verdana;  
}
```

# Many Styles as you need

```
b{  
    color:FFFFFF;  
    font-size:15px;  
    text-decoration:underline;  
    background-color:00ff00;  
    font-family:verdana;  
}
```

Each new style goes  
on a new line

# Common CSS Properties

— { Background

— { Text

— { Font

— { Border

— { Margin

— { Padding

# Background in Practice

- { background-color
- { background-image
- { background-position
- { background-repeat

# Text

- { color
- { line-height
- { letter-spacing
- { text-align
- { text-decoration
- { text-indent
- { text-transform

# Font

- { font-family
- { font-size
- { font-style
- { font-weight

# Border

—{ border-color

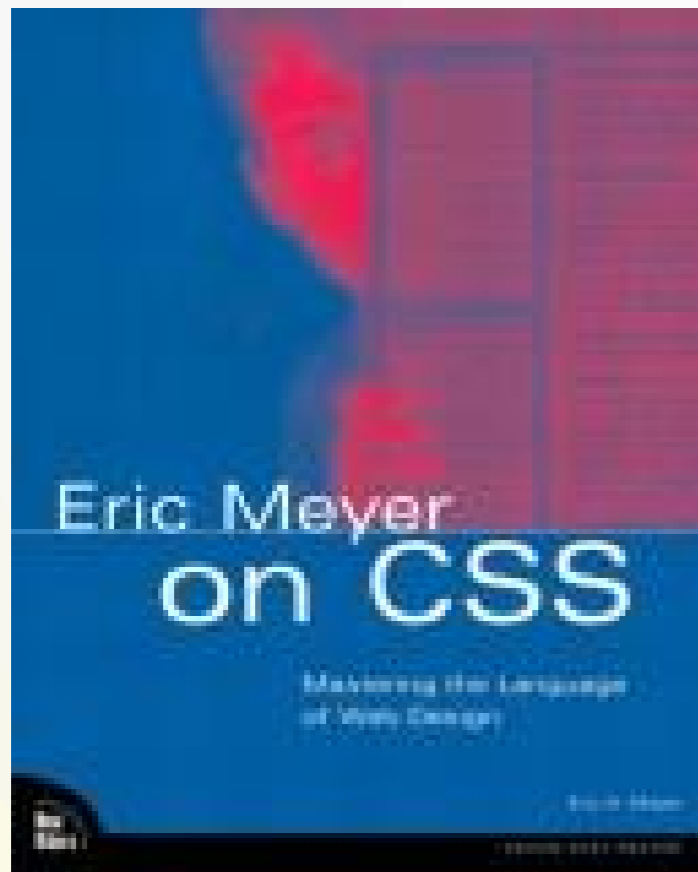
—{ border-style

—{ border-width

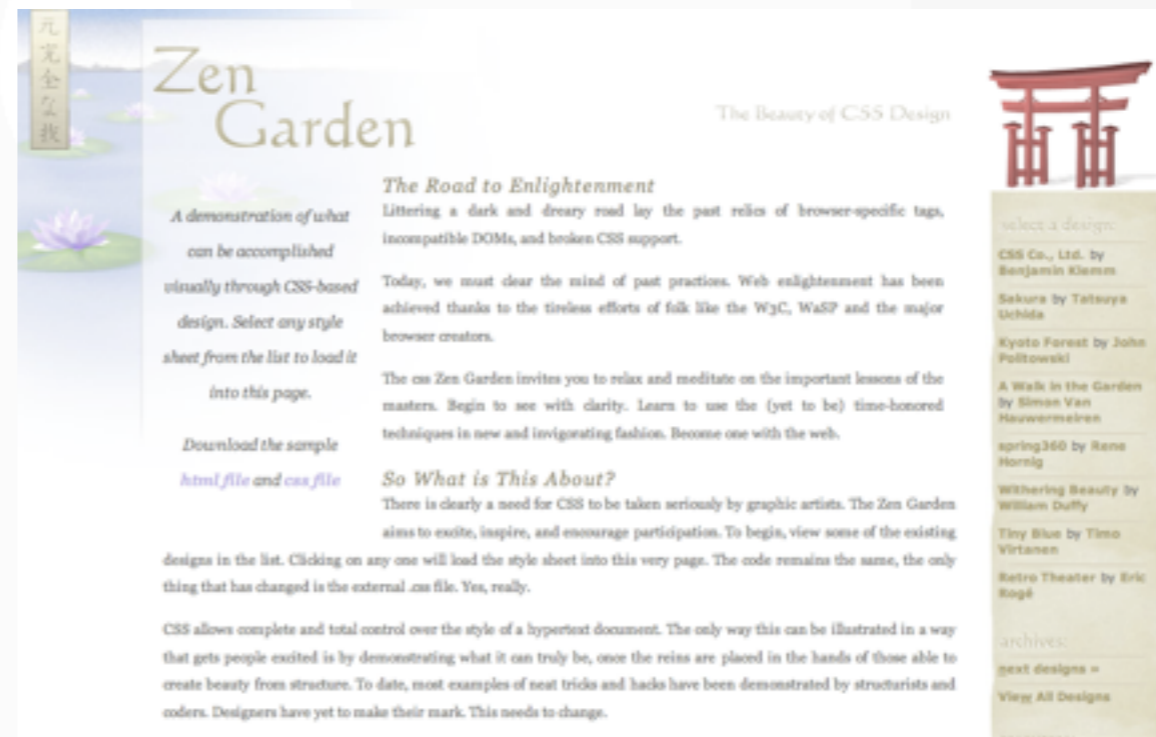
# Border Direction

- { border-top
- { border-right
- { border-bottom
- { border-left

# Other Resources on CSS



Eric Meyer on  
CSS



<http://csszengarden.com>

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