

CSS3

Cascading Style Sheets

Adding Style to your Pages

Browser Default Styling

- The **same html file** may **look different** when viewed **on different browsers**.
 - Some tags are supported, some aren't
 - **Browsers may have different *default styles***
- In general, default looks are plain.

Adding Style

- As styling tags were phased out of html, styling was done with style attribute

```
<h1 style = "color:blue">Styled Heading</h1>
```

→ tag style

Styled Heading

- Violated separation of content/style**

Cascading Style Sheet

- CSS defined generic rules that can apply to multiple elements

```
selector {  
    property: value;  
}
```

```
h1{  
    color:blue;  
}
```

Styled Heading

Rule Syntax

- **Brackets and semicolons** are very important
- This is where a **good editor** can make a BIG difference

```
/* This is how comments are done */
```


Multiple Properties

```
h1{  
  color:blue;  
  background-color: yellow;  
}
```

Styled Heading

Internal Style Sheet

- Styling is defined within **<head>**
- Rules are defined within **<style>**
- Styles are applied to all elements in that file


→ Consistency ↓ & 유지. 변경 쉬운

```
<head>
  <meta charset="UTF-8">
  <title>Title here</title>
  <style>
    h1{
      color: blue;
    }
  </style>
</head>
```

- Don't forget to close the style tag!!

External Style Sheet

- You can put rules in an **external file** (**don't use the style tag!!**)
- A link to the style sheet is put in the head section.

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`<link rel = "stylesheet" href = "style.css" >`

- Styles are applied to all elements in all files that links to the style sheet

The “Cascading” part of CSS

4. Browser default

3. **External** style sheets

2. **Internal** style (in the head section)

1. **Inline** style (inside an HTML element)

Rule precedence

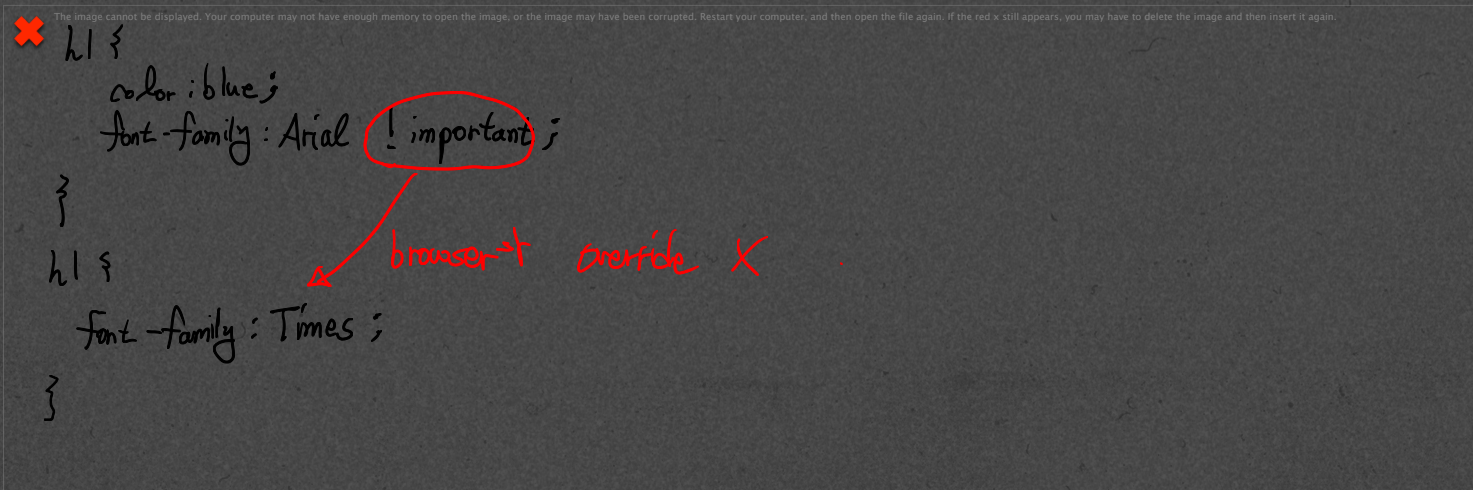
- What if one selector is defined in two external files?
 - The rules from the most recent file have precedence
- What if one selector has more than one rule in the same file?



- The most recent rule has precedence

!important

- It is possible to override later rules, use
!important



Example


Review

- Why do we want/need to separate content from formatting?
- How does this also tie in to external/internal style sheets?
- Understand that this is very powerful. See <http://www.csszengarden.com/>

Acknowledgements/Contributions

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