

CSS



<https://forms.gle/H72nCVb9hMBRs8U28>

WHAT IS IT?

- Cascading Style Sheets
- Used to define the style/layout of HTML
- Not a programming language
- One of the three fundamental languages of the web

CSS3



- Most modern standard of CSS
- First released in 1996
- Managed by the W3C

WRITING CSS

SYNTAX

```
selector {  
  styles  
}
```

WHERE TO WRITE CSS

```
<element style="property: value;">Content</element>
```

```
<head>  
  <title>Style Tag</title>  
  <style>  
    selector {  
      property: value;  
    }  
  </style>  
</head>
```

```
<head>  
  <link rel="stylesheet" href="path/to/file.css">  
</head>
```

SELECTORS

- Tagnames, Classes, IDs
- Descendant, Adjacent, Sibling, Attribute, etc.
- Psuedo-selectors

SPECIFICITY

- Tags have a specificity of one, classes 10, ids 100
- Styles with a higher specificity have higher priority
 - Inline styles will always be highest priority
- If two things are of equal specificity, the one that appears later is applied

COMMON PROPERTIES

- margin
- padding
- border
- color
- background
- width
- height
- min-width
- min-height
- display
- position
- text-align
- etc.

TERMINOLOGY

- **Specification:** comes from the CSS specification
- **User Agent:** comes from the browser
- **Author:** comes from the website makes
- **User:** comes from the end-user

INHERITANCE

Some properties are inherited by default

- `initial` - use the initial value as set by the CSS specification
- `inherit` - use the parent's value; forces the property to be inherited
- `unset` - resets to `initial` or `inherit` depending if the property is inherited; removes any explicit style declaration for this element
- `revert` - resets to the default value of the browser or `inherit` depending if the property is inherited

MAKING LAYOUTS

Using CSS, we can easily create responsive layouts

- @media and @supports queries
- CSS Flexbox
- CSS Grid

ADDITIONAL RESOURCES

- [CSS Documentation](#)
- [CSS for Absolute Beginners](#)
- [30 Common CSS Selectors](#)
- [CSS Inheritance](#)
- [Differences in CSS Inheritance](#)
- [HTML/CSS Playlist](#)