

Class 04 CSS Colors

CSS Fonts

The CSS color property is an important tool for web designers and developers. It allows you to set the color of text on a webpage or set the whole background to a color.

What is the CSS Color Property?

The color property in CSS is used to change the color of text, border, background etc. in HTML elements like headings, paragraphs, links, and buttons.

Basic Syntax

```
selector {  
  color: value;  
}
```

selector: The HTML element you want to style.

value: The color you want to apply.

Color Values

You can set the color using different types of values -

Color Names: Simple and easy to remember e.g red, blue, lightblue, brown.

Hexadecimal Values: Start with a # followed by 3 or 6 hex digits.

RGB Values: Define colors using the Red, Green, and Blue components.

RGBA Values: RGB with an Alpha component for transparency.

HSL Values: Define colors using Hue, Saturation, and Lightness

HSLA Values: HSL with an Alpha component for transparency.

CASCADING STYLE SHEET (CSS)

CSS

```
h1 {  
  color: red; /*color names */  
}  
  
h2 {  
  color: #ff0000; /* Red hexadecimal values */  
}  
  
div {  
  color: rgb(255, 0, 0); /* Red */  
}  
  
span {  
  color: rgba(255, 0, 0, 0.5); /* Semi-transparent Red */  
}  
  
a {  
  color: hsl(0, 100%, 50%); /* Red */  
}  
  
button {  
  color: hsla(0, 100%, 50%, 0.5); /* Semi-transparent Red */  
}
```