

Types of CSS colors

1. Named Colors

Predefined color names like red, blue, green, etc.

```
p { color: red; }
div { background-color: lightblue; }
```

2. Hexadecimal Colors (#RRGGBB)

Uses hex values for Red, Green, Blue.

- #000000 → Black
- #FFFFFF → White
- #FF0000 → Red

```
h1 { color: #ff5733; }
```

3. RGB Colors (rgb(r, g, b))

Each value (0–255) represents red, green, and blue.

```
p { color: rgb(0, 128, 0); } /* green */
```

4. RGBA Colors (rgba(r, g, b, a))

Same as RGB, but with **alpha (opacity)** (0–1).

```
div { background-color: rgba(255, 0, 0, 0.5); } /* semi-transparent red */
```

5. HSL Colors (hsl(hue, saturation, lightness))

- Hue: 0–360 (color wheel)
- Saturation: % (intensity)
- Lightness: % (brightness)

```
p { color: hsl(200, 100%, 50%); } /* bright blue */
```

6. HSLA Colors (hsla(h, s, l, a))

HSL with alpha (opacity).

```
div { background-color: hsla(120, 60%, 70%, 0.3); }
```