CSS Colors

Keywords

```css
h1 {

   color: black;

}
```

RGB Model

```
h1 {

  color: rgb([0 to 255], [0 to 255], [0 to 255]);

}
```

RGBA Model (with alpha)

```
h1 {

  color: rgba([0 to 255], [0 to 255], [0 to 255], [0 to 1]);

}
```

Hexadecimal Notation (0 to 9, A to F)

```
h1 {

    color: #00ffff;

}


h1 {

    color: #0ff;

}
```

Hexadecimal Notation with Alpha (00 to FF)

```
h1 {

  color: #00ffff80; /* 80 means 50% opacity */

}
```

Conversion Samples

Converting from Percentage to Hex

1. 20% to Hex:

Decimal Value $= \left(\frac{20}{100}\right) \times 255 = 51$

$51_{10} = 33_{16}$

2. 50% to Hex:

Decimal Value $= \left(\frac{50}{100}\right) \times 255 = 128$

$128_{10} = 80_{16}$

3. 100% to Hex:

Decimal Value $= \left(\frac{100}{100}\right) \times 255 = 255$

$255_{10} = FF_{16}$