**HTML Colors**

HTML colors are specified with predefined

1. Color names,
2. RGB (Red Green Blue)
3. HEX (Hexadecimal Value)
4. HSL (hue, saturation, and lightness)
5. RGBA
6. HSLA

## Color Names

## In HTML, a color can be specified by using a color name:

Tomato

Orange

DodgerBlue

MediumSeaGreen

Gray

SlateBlue

Violet

<!DOCTYPE html>

<html>

<body>

<h1 style="background-color:Tomato;">Tomato</h1>

<h1 style="background-color:Orange;">Orange</h1>

<h1 style="background-color:DodgerBlue;">DodgerBlue</h1>

<h1 style="background-color:MediumSeaGreen;">MediumSeaGreen</h1>

<h1 style="background-color:Gray;">Gray</h1>

<h1 style="background-color:SlateBlue;">SlateBlue</h1>

<h1 style="background-color:Violet;">Violet</h1>

<h1 style="background-color:LightGray;">LightGray</h1>

</body>

</html>

## RGB Colors

RGB color values are supported in all browsers.

An RGB color value is specified with: rgb(red, green, blue).

Each parameter (red, green, and blue) defines the intensity of the color as an integer between 0 and 255.

For example, rgb(0, 0, 255) is rendered as blue, because the blue parameter is set to its highest value (255) and the others are set to 0.

<!DOCTYPE html>

<html>

<style>

div {

background-color: rgb(0, 191, 255);

color: rgb(255, 255, 255);

padding: 20px;

}

</style>

<body>

<div>

<h1>London is the capital city of England.</h1>

<p>It is the most populous city in the United Kingdom,

with a metropolitan area of over 13 million inhabitants.</p>

</div>

</body>

</html>

## Hexadecimal Colors

Hexadecimal color values are also supported in all browsers.

A hexadecimal color is specified with: #RRGGBB.

RR (red), GG (green) and BB (blue) are hexadecimal integers between 00 and FF specifying the intensity of the color.

For example, #0000FF is displayed as blue, because the blue component is set to its highest value (FF) and the others are set to 00.

<!DOCTYPE html>

<html>

<style>

div {

background-color: #00bfff;

color: #ffffff;

padding: 20px;

}

</style>

<body>

<div>

<h1>London is the capital city of England.</h1>

<p>It is the most populous city in the United Kingdom,

with a metropolitan area of over 13 million inhabitants.</p>

</div>

</body>

</html>

## HSL Colors

HSL stands for hue, saturation, and lightness.

HSL color values are specified with: hsl(hue, saturation, lightness).

## Hue

Hue is a degree on the color wheel from 0 to 360. 0 is red, 120 is green, 240 is blue.

## Saturation

Saturation is a percentage value; 0% means a shade of gray and 100% is the full color.

## Lightness

Lightness is also a percentage; 0% is black, 100% is white.

<!DOCTYPE html>

<html>

<style>

div {

background-color: hsl(180, 50%, 50%);

color: hsl(0, 0%, 100%);

padding: 20px;

}

</style>

<body>

<div>

<p>London is the capital city of England.

It is the most populous city in the United Kingdom,

with a metropolitan area of over 13 million inhabitants.</p>

</div>

</body>

</html>

[**#00FF7F**](https://www.w3schools.com/colors/color_tryit.asp?hex=00FF7F)

[**SteelBlue**](https://www.w3schools.com/colors/color_tryit.asp?color=SteelBlue)

[**#4682B4**](https://www.w3schools.com/colors/color_tryit.asp?hex=4682B4)

[**Tan**](https://www.w3schools.com/colors/color_tryit.asp?color=Tan)

[**#D2B48C**](https://www.w3schools.com/colors/color_tryit.asp?hex=D2B48C)

[**Teal**](https://www.w3schools.com/colors/color_tryit.asp?color=Teal)

[**#008080**](https://www.w3schools.com/colors/color_tryit.asp?hex=008080)

[**Thistle**](https://www.w3schools.com/colors/color_tryit.asp?color=Thistle)

[**#D8BFD8**](https://www.w3schools.com/colors/color_tryit.asp?hex=D8BFD8)

[**Tomato**](https://www.w3schools.com/colors/color_tryit.asp?color=Tomato)

[**#FF6347**](https://www.w3schools.com/colors/color_tryit.asp?hex=FF6347)

[**Turquoise**](https://www.w3schools.com/colors/color_tryit.asp?color=Turquoise)

[**#40E0D0**](https://www.w3schools.com/colors/color_tryit.asp?hex=40E0D0)

[**Violet**](https://www.w3schools.com/colors/color_tryit.asp?color=Violet)

[**#EE82EE**](https://www.w3schools.com/colors/color_tryit.asp?hex=EE82EE)

[**Wheat**](https://www.w3schools.com/colors/color_tryit.asp?color=Wheat)

[**#F5DEB3**](https://www.w3schools.com/colors/color_tryit.asp?hex=F5DEB3)

[**White**](https://www.w3schools.com/colors/color_tryit.asp?color=White)

[**#FFFFFF**](https://www.w3schools.com/colors/color_tryit.asp?hex=FFFFFF)

[**WhiteSmoke**](https://www.w3schools.com/colors/color_tryit.asp?color=WhiteSmoke)

[**#F5F5F5**](https://www.w3schools.com/colors/color_tryit.asp?hex=F5F5F5)

[**Yellow**](https://www.w3schools.com/colors/color_tryit.asp?color=Yellow)

[**#FFFF00**](https://www.w3schools.com/colors/color_tryit.asp?hex=FFFF00)