

Converting Colors

RGB(76, 128, 235)

Have a look what the booklet for
RGB(76, 128, 235) contains.

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Color

RGB(76, 128, 235)

Conversions

Conversions Part 1

Format	Color
Hex	4C80EB
RGB	76, 128, 235
RGB Percent	30%, 50%, 92%
CMY	0.7020, 0.4980, 0.0784
CMYK	0.68, 0.46, 0.00, 0.08
HSL	220°, 80%, 61%
HSV	220°, 68%, 92%
XYZ	25.6951, 22.9730, 81.6772
YIQ	124.6500, -65.3390, 22.2530

Conversions

Conversions Part 2

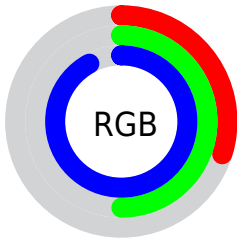
Format	Color
R_{YB}	76, 115, 235
Decimal	5013739
CIE _{Lab}	55.04, 17.07, -59.23
CIE _{LCh}	55, 61.645, 286.080
Yxy	22.9730, 0.1971, 0.1762
Android (android.graphics.Color)	4283203819 (0xFF4C80EB)
YUV	124.6500, 54.4025, -42.6661
Hunter-Lab	47.9302, 11.8150, -67.4843

Details

The RGB color **76, 128, 235** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **235, 183, 76**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **140, 180, 255**, and **0, 80, 178** is the 20% darker color. If you saturate the color by 10%, you get **52, 112, 235**, and if you desaturate by 10%, it is **100, 144, 235**.

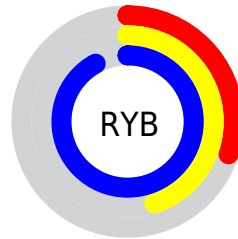
Distribution



Red (30%)

Green (50%)

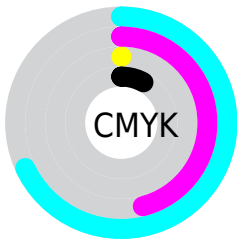
Blue (92%)



Red (30%)

Yellow (45%)

Blue (92%)

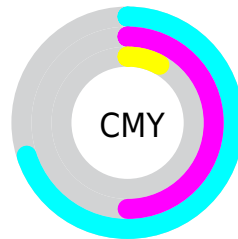


Cyan (68%)

Magenta (46%)

Yellow (0%)

Black (8%)



Cyan (70%)


Magenta (50%)

Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the RGB color 76, 128, 235 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 76, 128, 235 by changing the saturation by 10% instead.

 76, 128, 235


255, 255, 255


 140, 180, 255

 171, 208, 255

 201, 236, 255


 231, 255, 255


 76, 128, 235

 34, 103, 206

 0, 80, 178

 0, 58, 151

 0, 37, 125


 0, 18, 99


 0, 9, 74


 0, 4, 51


 0, 2, 29

 0, 0, 0

 76, 128, 235


 76, 128, 235


 52, 112, 235

 100, 144, 235


 29, 96, 235

 123, 160, 235

 5, 81, 235

 147, 175, 235

 0, 77, 235

 170, 191, 235

 193, 207, 235

 217, 223, 235

 240, 239, 235

 255, 255, 235

 255, 255, 235

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0, 145, 236



76, 128, 235



170, 104, 207

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76, 128, 235



212, 97, 56



0, 155, 104

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



76, 128, 235



235, 183, 76

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66, 149, 51



76, 128, 235



178, 120, 8

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76, 128, 235



227, 79, 105



131, 138, 0



0, 157, 160

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76, 128, 235



204, 88, 176



131, 138, 0



0, 154, 86

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



76, 128, 235



204, 221, 255



76, 235, 182



97, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 128, 235



48, 116, 255



102, 76, 235



106, 109, 117



0, 59, 181



0, 18, 54

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



235, 76, 128



255, 48, 116



208, 235, 76



117, 106, 109



181, 0, 59



54, 0, 18

Previews

White Background



This preview shows how the RGB color 76, 128, 235 looks on a white background.

Color Contrast Check

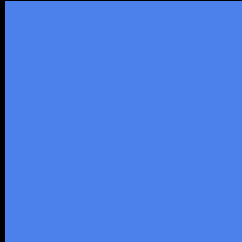
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 76, 128, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

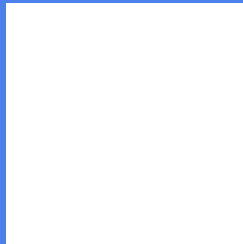
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 76, 128, 235 Background



This preview shows how black text looks on a background with the RGB color 76, 128, 235.



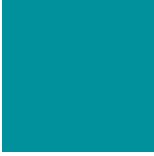
This preview shows how white text looks on a background with the RGB color 76, 128, 235.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
0, 145, 157

Trichromacy



Original Color

76, 128, 235

Protanomaly

79, 127, 234

Deuteranomaly

48, 131, 234

Tritanomaly

28, 139, 185

Monochromacy



Original Color

76, 128, 235

Achromatopsia

125, 125, 125

Achromatomaly

107, 126, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 76, 128, 235 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(76, 128, 235)` looks like.

```
.text, #text, p{  
    color:rgb(76, 128, 235)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(76, 128, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 128, 235) }
```

Border

The CSS property to change the border of an element to RGB 76, 128, 235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(76, 128, 235) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(76, 128, 235) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(76, 128, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 128, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 128, 235);  
box-shadow:4px 4px 4px 4px rgb(76, 128,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 76, 128, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 128, 235) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(76, 128,  
235) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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