

Converting Colors

RGB(117, 144, 209)

Have a look what the booklet for
RGB(117, 144, 209) contains.

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Color

RGB(117, 144, 209)

Conversions

Conversions Part 1

Format	Color
Hex	7590D1
RGB	117, 144, 209
RGB Percent	46%, 56%, 82%
CMY	0.5412, 0.4353, 0.1804
CMYK	0.44, 0.31, 0.00, 0.18
HSL	222°, 50%, 64%
HSV	222°, 44%, 82%
XYZ	28.8180, 28.3319, 64.2713
YIQ	143.3370, -36.9570, 14.4910

Conversions

Conversions Part 2

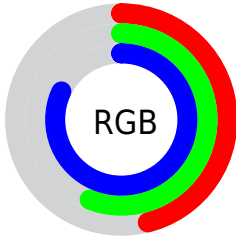
Format	Color
R _Y B	117, 138, 209
Decimal	7704785
CIE Lab	60.19, 7.51, -36.41
CIE LCh	60, 37.179, 281.650
Yxy	28.3319, 0.2373, 0.2333
Android (android.graphics.Color)	4285894865 (0xFF7590D1)
YUV	143.3370, 32.3719, -23.0975
Hunter-Lab	53.2277, 3.4932, -34.3320

Details

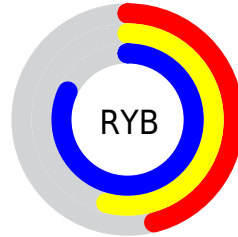
The RGB color **117, 144, 209** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **209, 182, 117**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **173, 198, 255**, and **62, 94, 154** is the 20% darker color. If you saturate the color by 10%, you get **96, 129, 209**, and if you desaturate by 10%, it is **138, 159, 209**.

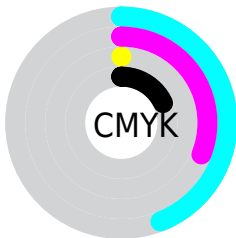
Distribution



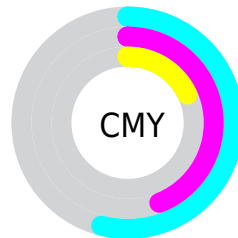
- Red (46%)
- Green (56%)
- Blue (82%)



- Red (46%)
- Yellow (54%)
- Blue (82%)



- Cyan (44%)
- Magenta (31%)
- Yellow (0%)
- Black (18%)



- Cyan (54%)
- Magenta (44%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 144, 209 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 117, 144, 209 by changing the saturation by 10% instead.

 117, 144, 209


255, 255, 255

 173, 198, 255

 201, 226, 255

 230, 254, 255

 117, 144, 209

 90, 118, 181

 62, 94, 154

 32, 71, 128

 0, 49, 103

 0, 28, 78

 0, 0, 55

 0, 2, 33

 0, 0, 5

 0, 0, 0

■ 117, 144, 209

■ 117, 144, 209

■ 96, 129, 209

■ 138, 159, 209

■ 75, 114, 209

■ 159, 174, 209

■ 54, 100, 209

■ 180, 188, 209

■ 33, 85, 209

■ 201, 203, 209

■ 13, 70, 209

■ 221, 218, 209

■ 0, 61, 209

■ 242, 233, 209

■ 255, 247, 209

■ 255, 255, 209

Harmonies

Analogous

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



51, 154, 207



117, 144, 209



165, 132, 194

Triad

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



117, 144, 209



203, 125, 103



74, 161, 123

Complementary

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



117, 144, 209



209, 182, 117

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.



117, 156, 95



117, 144, 209



183, 136, 83

Square

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



117, 144, 209



208, 119, 133



153, 147, 80



0, 162, 157

Rectangle

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



117, 144, 209



188, 124, 177



153, 147, 80



90, 160, 113

Sweetspot

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



117, 144, 209



222, 232, 255



117, 209, 181



107, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



117, 144, 209



120, 160, 255



135, 117, 209



94, 97, 105



0, 49, 168



0, 12, 41

Inverse Universe

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



209, 117, 144



255, 120, 160



191, 209, 117



105, 94, 97



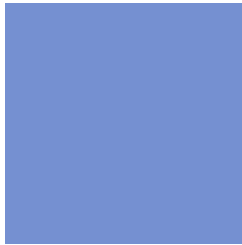
168, 0, 49



41, 0, 12

Previews

White Background



This preview shows how the RGB color 117, 144, 209 looks on a white background.

Color Contrast Check

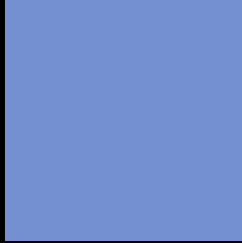
Large Text (above 18pt) WCAG AA ✓ Pass

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 117, 144, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

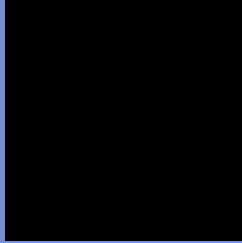
Any Text WCAG AA ✓ Pass

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 117, 144, 209 Background



This preview shows how black text looks on a background with the RGB color 117, 144, 209.



This preview shows how white text looks on a background with the RGB color 117, 144, 209.

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



Original Color


117, 144, 209

Protanopia

124, 142, 208

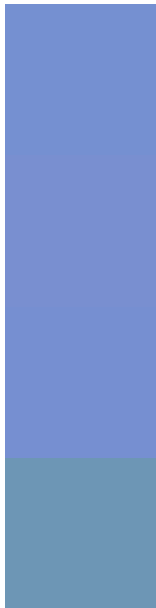
Deuteranopia

119, 143, 209



Tritanopia
105, 153, 165

Trichromacy



Original Color

117, 144, 209

Protanomaly

121, 143, 208

Deuteranomaly

118, 143, 209

Tritanomaly

109, 150, 181

Monochromacy



Original Color

117, 144, 209

Achromatopsia

143, 143, 143

Achromatomaly

134, 143, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 144, 209 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(117, 144, 209)` looks like.

```
.text, #text, p{  
    color:rgb(117, 144, 209)  
}
```

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(117, 144, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 144, 209) }
```

Border

The CSS property to change the border of an element to RGB 117, 144, 209 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(117, 144, 209) }
```

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

```
.border{ border-color:rgb(117, 144, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 144, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 144, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 144, 209);  
box-shadow:4px 4px 4px 4px rgb(117, 144,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 117, 144, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 144, 209) }
```

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

```
.background{ background-color: rgb(117,  
144, 209) }
```

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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