

Converting Colors

RGB(94, 122, 212)

Have a look what the booklet for
RGB(94, 122, 212) contains.

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Color

RGB(94, 122, 212)

Conversions

Conversions Part 1

Format	Color
Hex	5E7AD4
RGB	94, 122, 212
RGB Percent	37%, 48%, 83%
CMY	0.6314, 0.5216, 0.1686
CMYK	0.56, 0.42, 0.00, 0.17
HSL	226°, 58%, 60%
HSV	226°, 56%, 83%
XYZ	23.4593, 21.0522, 65.1144
YIQ	123.8880, -45.5780, 22.0540

Conversions

Conversions Part 2

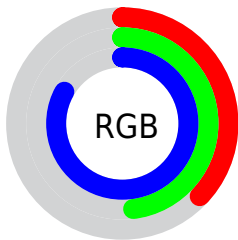
Format	Color
R _Y B	94, 117, 212
Decimal	6191828
CIE Lab	53.01, 16.20, -49.52
CIE LCh	53, 52.105, 288.109
Yxy	21.0522, 0.2140, 0.1920
Android (android.graphics.Color)	4284381908 (0xFF5E7AD4)
YUV	123.8880, 43.4392, -26.2118
Hunter-Lab	45.8827, 10.9703, -52.0235

Details

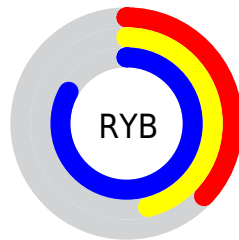
The RGB color **94, 122, 212** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **212, 184, 94**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **152, 174, 255**, and **26, 74, 157** is the 20% darker color. If you saturate the color by 10%, you get **73, 106, 212**, and if you desaturate by 10%, it is **115, 138, 212**.

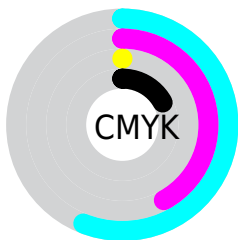
Distribution



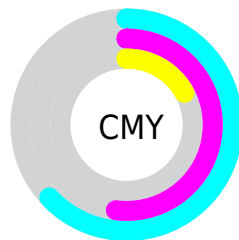
- Red (37%)
- Green (48%)
- Blue (83%)



- Red (37%)
- Yellow (46%)
- Blue (83%)



- Cyan (56%)
- Magenta (42%)
- Yellow (0%)
- Black (17%)




















- Cyan (63%)
- Magenta (52%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the RGB color 94, 122, 212 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 94, 122, 212 by changing the saturation by 10% instead.

 94, 122, 212	 94, 122, 212
 255, 255, 255	 64, 97, 184
 152, 174, 255	 26, 74, 157
 181, 201, 255	 0, 52, 130
 210, 229, 255	 0, 32, 105
 240, 255, 255	 0, 8, 80
	 0, 5, 56
	 0, 2, 34
	 0, 0, 7
	 0, 0, 0

 94, 122, 212

 94, 122, 212

 73, 106, 212

 115, 138, 212

 52, 90, 212

 136, 154, 212

 30, 73, 212


 158, 171, 212

 9, 57, 212

 179, 187, 212

 0, 50, 212

 200, 203, 212

 221, 219, 212

 242, 235, 212

 255, 251, 212

 255, 255, 212

Harmonies

Analogous

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



0, 137, 214



94, 122, 212



163, 103, 187

Triad

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



94, 122, 212



195, 100, 61



0, 147, 107

Complementary

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



94, 122, 212



212, 184, 94

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.



71, 142, 63



94, 122, 212



165, 118, 32

Square

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



94, 122, 212



208, 86, 101



124, 133, 32



0, 148, 153

Rectangle

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



94, 122, 212



190, 91, 161



124, 133, 32



0, 146, 91

Sweetspot

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



94, 122, 212



212, 222, 255



94, 212, 183



102, 108, 128



0, 0, 0



128, 128, 128

Same Dimension

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



94, 122, 212



84, 125, 255



124, 94, 212



96, 99, 107



0, 41, 171



0, 10, 43

Inverse Universe

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



212, 94, 122



255, 84, 125



183, 212, 94



107, 96, 99



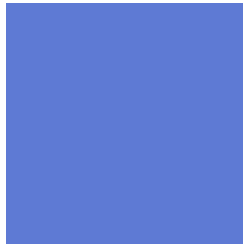
171, 0, 41



43, 0, 10

Previews

White Background



This preview shows how the RGB color 94, 122, 212 looks on a white background.

Color Contrast Check

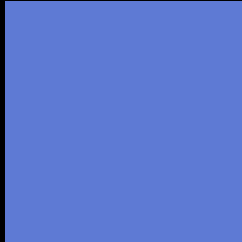
Large Text (above 18pt) WCAG AA ✓ Pass

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 94, 122, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

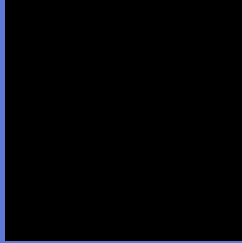
Any Text WCAG AA ✓ Pass

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 94, 122, 212 Background



This preview shows how black text looks on a background with the RGB color 94, 122, 212.



This preview shows how white text looks on a background with the RGB color 94, 122, 212.

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

94, 122, 212

Protanopia

88, 123, 213

Deuteranopia

69, 127, 211



Tritanopia
70, 136, 147

Trichromacy



Original Color

94, 122, 212

Protanomaly

90, 123, 213

Deuteranomaly

78, 125, 211

Tritanomaly

79, 131, 171

Monochromacy



Original Color

94, 122, 212

Achromatopsia

124, 124, 124

Achromatomaly

113, 123, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 94, 122, 212 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(94, 122, 212)` looks like.

```
.text, #text, p{  
    color:rgb(94, 122, 212)  
}
```

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(94, 122, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 122, 212) }
```

Border

The CSS property to change the border of an element to RGB 94, 122, 212 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(94, 122, 212) }
```

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

```
.border{ border-color:rgb(94, 122, 212) }
```

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

Here you see how a box with a 4 pixel rgb(94, 122, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 122, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 122, 212);  
box-shadow:4px 4px 4px 4px rgb(94, 122,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 94, 122, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 122, 212) }
```

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

```
.background{ background-color: rgb(94, 122,  
212) }
```

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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