

Converting Colors

RGB(119, 124, 189)

Have a look what the booklet for
RGB(119, 124, 189) contains.

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Color

RGB(119, 124, 189)

Conversions

Conversions Part 1

Format	Color
Hex	777CBD
RGB	119, 124, 189
RGB Percent	47%, 49%, 74%
CMY	0.5333, 0.5137, 0.2588
CMYK	0.37, 0.34, 0.00, 0.26
HSL	236°, 35%, 60%
HSV	236°, 37%, 74%
XYZ	24.0007, 22.0114, 51.1278
YIQ	129.9150, -23.8450, 19.1550

Conversions

Conversions Part 2

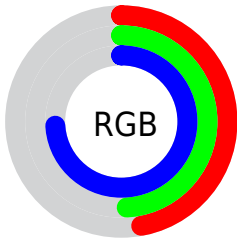
Format	Color
R _Y B	119, 124, 189
Decimal	7830717
CIE Lab	54.04, 14.14, -34.69
CIE LCh	54, 37.466, 292.174
Yxy	22.0114, 0.2471, 0.2266
Android (android.graphics.Color)	4286020797 (0xFF777CBD)
YUV	129.9150, 29.1289, -9.5725
Hunter-Lab	46.9163, 9.2108, -31.7708

Details

The RGB color **119, 124, 189** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **189, 184, 119**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **173, 176, 246**, and **67, 75, 135** is the 20% darker color. If you saturate the color by 10%, you get **100, 106, 189**, and if you desaturate by 10%, it is **138, 142, 189**.

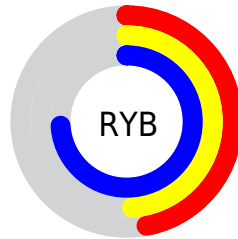
Distribution



Red (47%)

Green (49%)

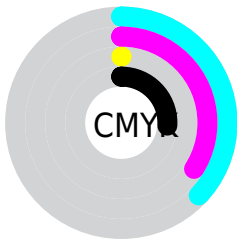
Blue (74%)



Red (47%)

Yellow (49%)

Blue (74%)

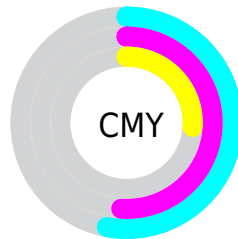


Cyan (37%)

Magenta (34%)

Yellow (0%)

Black (26%)



Cyan (53%)

Magenta (51%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 124, 189 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 119, 124, 189 by changing the saturation by 10% instead.

■ 119, 124, 189

255, 255, 255

■ 173, 176, 246

■ 201, 204, 255

■ 230, 232, 255

■ 119, 124, 189

■ 93, 99, 162

■ 67, 75, 135

■ 40, 53, 110

■ 8, 32, 85

■ 0, 9, 61


■ 0, 3, 39

■ 0, 1, 16


■ 0, 0, 0

■ 119, 124, 189

■ 119, 124, 189


 100, 106, 189

 138, 142, 189

 81, 89, 189

 157, 159, 189

 62, 71, 189


 176, 177, 189

 43, 54, 189


 195, 194, 189


 25, 36, 189

 214, 212, 189

 6, 19, 189

 232, 229, 189

 0, 13, 189

 251, 247, 189

 255, 255, 189

Harmonies

Analogous

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



55, 135, 193



119, 124, 189



161, 112, 169

Triad

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



119, 124, 189



180, 113, 79



31, 145, 119

Complementary

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



119, 124, 189



189, 184, 119

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.



87, 142, 88



119, 124, 189



157, 124, 64

Square

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



119, 124, 189



191, 104, 107



125, 135, 67



0, 146, 153

Rectangle

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



119, 124, 189



179, 105, 150



125, 135, 67



55, 145, 108

Sweetspot

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



119, 124, 189



218, 220, 245



119, 189, 183



106, 108, 122



250, 250, 250



122, 122, 122

Same Dimension

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



119, 124, 189



137, 145, 245



148, 119, 189



85, 86, 94



0, 11, 158



0, 2, 31

Inverse Universe

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



189, 119, 124



245, 137, 145



160, 189, 119



94, 85, 86



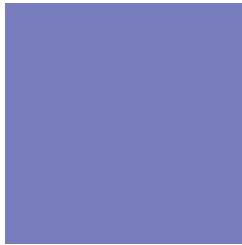
158, 0, 11



31, 0, 2

Previews

White Background



This preview shows how the RGB color 119, 124, 189 looks on a white background.

Color Contrast Check

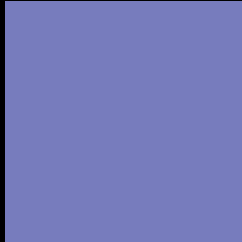
Large Text (above 18pt) WCAG AA ✓ Pass

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 119, 124, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

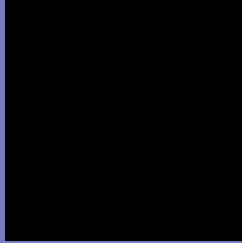
Any Text WCAG AA ✓ Pass

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 119, 124, 189 Background



This preview shows how black text looks on a background with the RGB color 119, 124, 189.



This preview shows how white text looks on a background with the RGB color 119, 124, 189.

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
119, 124, 189

Protanopia
107, 127, 191

Deuteranopia
105, 128, 188



Tritanopia
108, 133, 144

Trichromacy



Original Color
119, 124, 189

Protanomaly
111, 126, 190

Deuteranomaly
110, 127, 188

Tritanomaly
112, 130, 160

Monochromacy



Original Color
119, 124, 189

Achromatopsia
130, 130, 130

Achromatomaly
126, 128, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 124, 189 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(119, 124, 189)` looks like.

```
.text, #text, p{  
    color:rgb(119, 124, 189)  
}
```

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(119, 124, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 124, 189) }
```

Border

The CSS property to change the border of an element to RGB 119, 124, 189 is called "border". The border property can be set on classes, ids or directly on the HTML element.

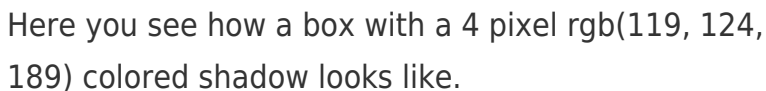
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 124, 189) }
```

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

```
.border{ border-color:rgb(119, 124, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 124, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 124, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 124, 189); box-shadow:4px 4px 4px 4px rgb(119, 124, 189) }
```

Background

The CSS property to change the background color of an element to RGB 119, 124, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 124, 189) }
```

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

```
.background{ background-color: rgb(119,  
124, 189) }
```

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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