

Converting Colors

RGB(112, 124, 212)

Have a look what the booklet for
RGB(112, 124, 212) contains.

RGB(112, 124, 212)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(112, 124, 212)

Conversions

Conversions Part 1

Format	Color
Hex	707CD4
RGB	112, 124, 212
RGB Percent	44%, 49%, 83%
CMY	0.5608, 0.5137, 0.1686
CMYK	0.47, 0.42, 0.00, 0.17
HSL	233°, 54%, 64%
HSV	233°, 47%, 83%
XYZ	25.7734, 22.6135, 65.2938
YIQ	130.4440, -35.4000, 24.8240

Conversions

Conversions Part 2

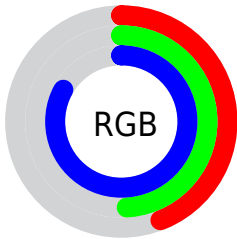
Format	Color
R _Y B	112, 123, 212
Decimal	7371988
CIE Lab	54.67, 19.01, -46.81
CIE LCh	55, 50.520, 292.102
Yxy	22.6135, 0.2267, 0.1989
Android (android.graphics.Color)	4285562068 (0xFF707CD4)
YUV	130.4440, 40.2071, -16.1754
Hunter-Lab	47.5537, 13.5255, -48.1209

Details

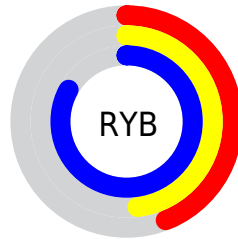
The RGB color **112, 124, 212** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **212, 200, 112**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **168, 176, 255**, and **55, 76, 157** is the 20% darker color. If you saturate the color by 10%, you get **91, 105, 212**, and if you desaturate by 10%, it is **133, 143, 212**.

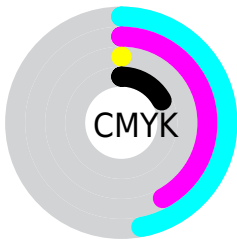
Distribution



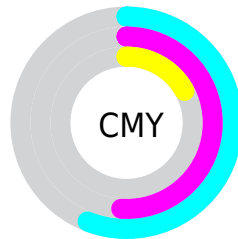
- Red (44%)
- Green (49%)
- Blue (83%)



- Red (44%)
- Yellow (48%)
- Blue (83%)



- Cyan (47%)
- Magenta (42%)
- Yellow (0%)
- Black (17%)




- Cyan (56%)
- Magenta (51%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 124, 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 112, 124, 212 by changing the saturation by 10% instead.


 112, 124, 212

255, 255, 255

 168, 176, 255

 197, 204, 255


 226, 232, 255


 112, 124, 212

 84, 99, 184

 55, 76, 157

 18, 53, 130

 0, 32, 105

 0, 12, 80

 0, 5, 56


 0, 2, 34


 0, 0, 8


 0, 0, 0


 112, 124, 212

 112, 124, 212

 91, 105, 212

 133, 143, 212

 70, 87, 212

 154, 161, 212

 48, 68, 212

 176, 180, 212

 27, 49, 212

 197, 199, 212

 6, 31, 212

 218, 217, 212

 0, 25, 212

 239, 236, 212

 255, 255, 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, 139, 217



112, 124, 212



173, 106, 185

Triad

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



112, 124, 212



195, 108, 63



0, 151, 117

Complementary

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



112, 124, 212



212, 200, 112

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.



69, 147, 75



112, 124, 212



164, 125, 39

Square

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



112, 124, 212



211, 93, 100



123, 138, 43



0, 152, 162

Rectangle

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



112, 124, 212



197, 95, 159



123, 138, 43



0, 150, 102

Sweetspot

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



112, 124, 212



219, 224, 255



112, 212, 199



106, 108, 128



0, 0, 0



128, 128, 128

Same Dimension

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



112, 124, 212



110, 127, 255



149, 112, 212



96, 98, 107



0, 21, 171



0, 5, 43

Inverse Universe

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



212, 112, 124



255, 110, 127



175, 212, 112



107, 96, 98



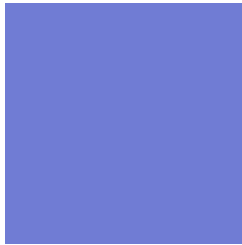
171, 0, 21



43, 0, 5

Previews

White Background



This preview shows how the RGB color 112, 124, 212 looks on a white background.

Color Contrast Check

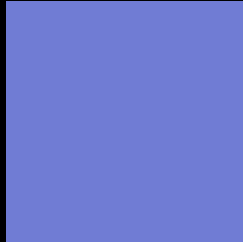
Large Text (above 18pt) WCAG AA ✓ Pass

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 112, 124, 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 112, 124, 212 Background



This preview shows how black text looks on a background with the RGB color 112, 124, 212.

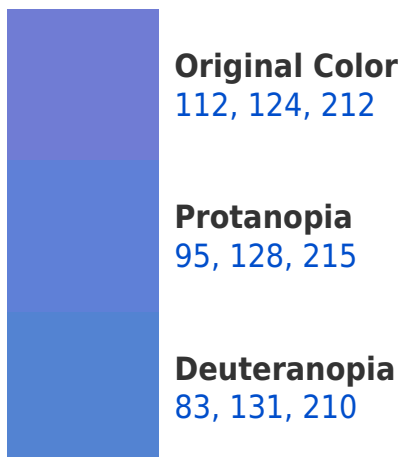


This preview shows how white text looks on a background with the RGB color 112, 124, 212.

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





Tritanopia
94, 138, 149

Trichromacy



Original Color
112, 124, 212

Protanomaly
101, 127, 214

Deuteranomaly
94, 128, 211

Tritanomaly
101, 133, 172

Monochromacy



Original Color
112, 124, 212

Achromatopsia
130, 130, 130

Achromatomaly
123, 128, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 124, 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(112, 124, 212)` looks like.

```
.text, #text, p{  
    color:rgb(112, 124, 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(112, 124, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 124, 212) }
```

Border

The CSS property to change the border of an element to RGB 112, 124, 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(112, 124, 212) }
```

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

```
.border{ border-color:rgb(112, 124, 212) }
```

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

Here you see how a box with a 4 pixel rgb(112, 124, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 124, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 124, 212);  
box-shadow:4px 4px 4px 4px rgb(112, 124,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 112, 124, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 124, 212) }
```

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

```
.background{ background-color: rgb(112,  
124, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor