

Converting Colors

RGB(108, 126, 245)

Have a look what the booklet for
RGB(108, 126, 245) contains.

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Color

RGB(108, 126, 245)

Conversions

Conversions Part 1

Format	Color
Hex	6C7EF5
RGB	108, 126, 245
RGB Percent	42%, 49%, 96%
CMY	0.5765, 0.5059, 0.0392
CMYK	0.56, 0.49, 0.00, 0.04
HSL	232°, 87%, 69%
HSV	232°, 56%, 96%
XYZ	30.1266, 24.7024, 89.5664
YIQ	134.1840, -48.9270, 33.1930

Conversions

Conversions Part 2

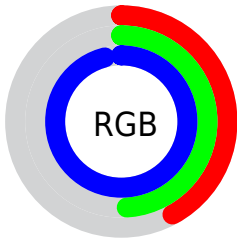
Format	Color
R _Y B	108, 124, 245
Decimal	7110389
CIE Lab	56.78, 27.19, -61.90
CIE LCh	57, 67.611, 293.708
Yxy	24.7024, 0.2086, 0.1711
Android (android.graphics.Color)	4285300469 (0xFF6C7EF5)
YUV	134.1840, 54.6323, -22.9634
Hunter-Lab	49.7015, 21.2202, -72.0546

Details

The RGB color **108, 126, 245** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **245, 227, 108**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **168, 178, 255**, and **38, 78, 188** is the 20% darker color. If you saturate the color by 10%, you get **84, 105, 245**, and if you desaturate by 10%, it is **132, 147, 245**.

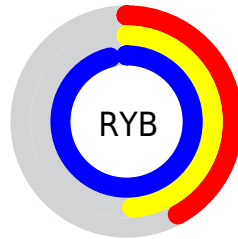
Distribution



Red (42%)

Green (49%)

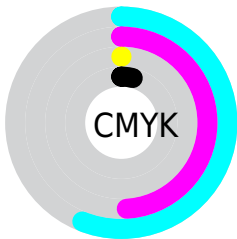
Blue (96%)



Red (42%)

Yellow (49%)

Blue (96%)

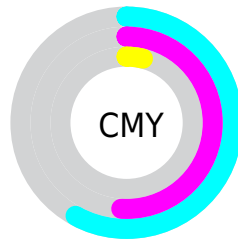


Cyan (56%)

Magenta (49%)

Yellow (0%)

Black (4%)



Cyan (58%)

Magenta (51%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 108, 126, 245 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 108, 126, 245 by changing the saturation by 10% instead.


 108, 126, 245


255, 255, 255

 168, 178, 255

 198, 206, 255

 228, 234, 255


 108, 126, 245

 76, 101, 216

 38, 78, 188

 0, 55, 160

 0, 35, 133

 0, 17, 107

 0, 1, 82


 0, 6, 58


 0, 2, 36

 0, 0, 11

 108, 126, 245

 108, 126, 245


 84, 105, 245

 132, 147, 245

 59, 83, 245

 157, 169, 245


 34, 62, 245

 182, 190, 245

 10, 41, 245

 206, 211, 245

 0, 32, 245

 231, 232, 245

 255, 254, 245

 255, 255, 245

Harmonies

Analogous

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



0, 147, 254



108, 126, 245



195, 98, 207

Triad

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



108, 126, 245



216, 104, 39



0, 162, 121

Complementary

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



108, 126, 245



245, 227, 108

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.



20, 157, 61



108, 126, 245



174, 129, 0

Square

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



108, 126, 245



239, 79, 93



118, 147, 0



0, 163, 182

Rectangle

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



108, 126, 245



225, 80, 171



118, 147, 0



0, 161, 101

Sweetspot

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



108, 126, 245



212, 217, 255



108, 245, 227



102, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



108, 126, 245



84, 107, 255



158, 108, 245



110, 112, 122



0, 24, 186



0, 8, 59

Inverse Universe

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



245, 108, 126



255, 84, 107



195, 245, 108



122, 110, 112



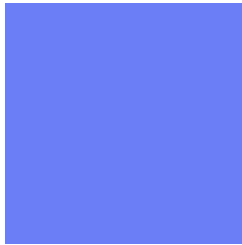
186, 0, 24



59, 0, 8

Previews

White Background



This preview shows how the RGB color 108, 126, 245 looks on a white background.

Color Contrast Check

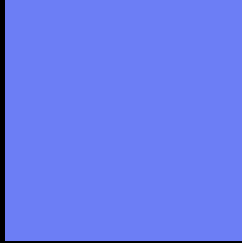
Large Text (above 18pt) WCAG AA ✓ Pass

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 108, 126, 245 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 108, 126, 245 Background



This preview shows how black text looks on a background with the RGB color 108, 126, 245.

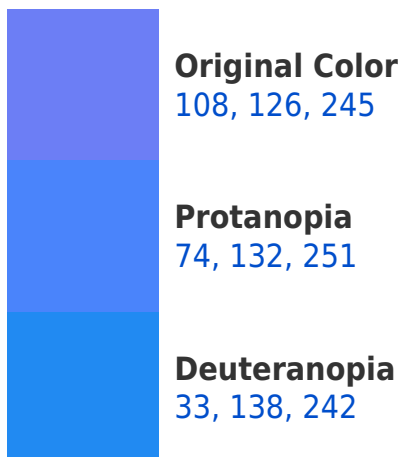


This preview shows how white text looks on a background with the RGB color 108, 126, 245.

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](#).

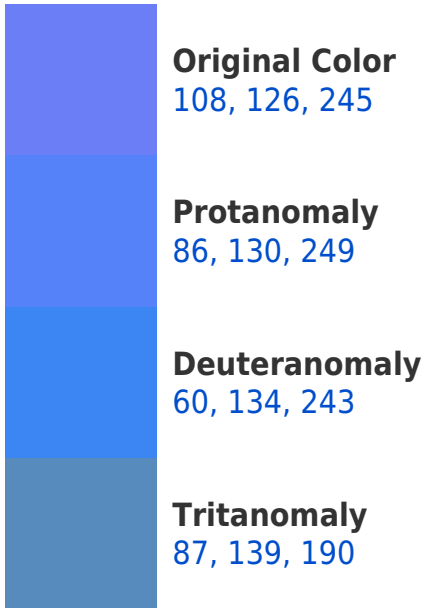
Dichromacy



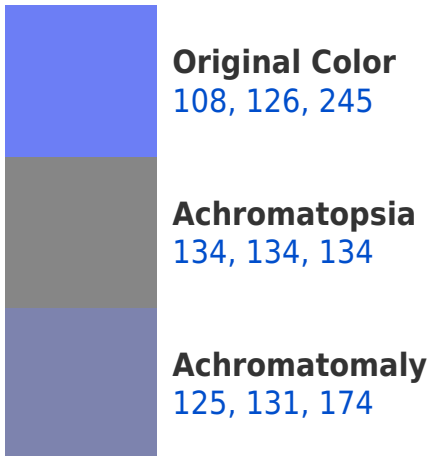


Tritanopia
75, 146, 158

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 108, 126, 245 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(108, 126, 245)` looks like.

```
.text, #text, p{  
    color:rgb(108, 126, 245)  
}
```

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(108, 126, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 126, 245) }
```

Border

The CSS property to change the border of an element to RGB 108, 126, 245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

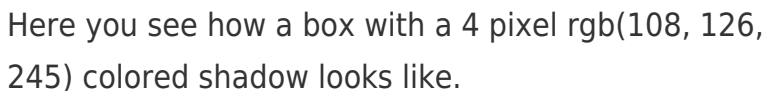
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 126, 245) }
```

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

```
.border{ border-color:rgb(108, 126, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 126, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 126, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 126, 245); box-shadow:4px 4px 4px 4px rgb(108, 126, 245) }
```

Background

The CSS property to change the background color of an element to RGB 108, 126, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 126, 245) }
```

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

```
.background{ background-color: rgb(108,  
126, 245) }
```

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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