

Converting Colors

RGB(107, 126, 235)

Have a look what the booklet for
RGB(107, 126, 235) contains.

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Color

RGB(107, 126, 235)

Conversions

Conversions Part 1

Format	Color
Hex	6B7EEB
RGB	107, 126, 235
RGB Percent	42%, 49%, 92%
CMY	0.5804, 0.5059, 0.0784
CMYK	0.54, 0.46, 0.00, 0.08
HSL	231°, 76%, 67%
HSV	231°, 54%, 92%
XYZ	28.5197, 24.0457, 81.7354
YIQ	132.7450, -46.3130, 29.8710

Conversions

Conversions Part 2

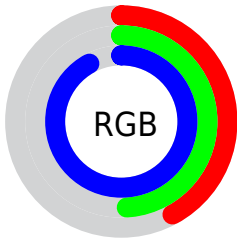
Format	Color
RYB	107, 124, 235
Decimal	7044843
CIELab	56.13, 23.82, -57.40
CIELCh	56, 62.144, 292.537
Yxy	24.0457, 0.2124, 0.1790
Android (android.graphics.Color)	4285234923 (0xFF6B7EEB)
YUV	132.7450, 50.4117, -22.5784
Hunter-Lab	49.0364, 18.0023, -64.5010

Details

The RGB color **107, 126, 235** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **235, 216, 107**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **166, 178, 255**, and **41, 78, 178** is the 20% darker color. If you saturate the color by 10%, you get **84, 106, 235**, and if you desaturate by 10%, it is **131, 146, 235**.

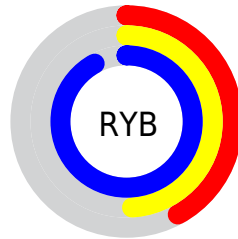
Distribution



Red (42%)

Green (49%)

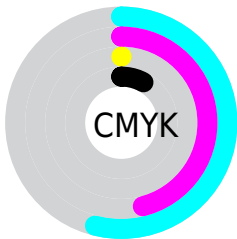
Blue (92%)



Red (42%)

Yellow (49%)

Blue (92%)

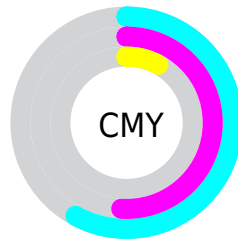


Cyan (54%)

Magenta (46%)

Yellow (0%)

Black (8%)



Cyan (58%)

Magenta (51%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 126, 235 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 107, 126, 235 by changing the saturation by 10% instead.

 107, 126, 235


255, 255, 255

 166, 178, 255

 196, 206, 255

 225, 234, 255


 107, 126, 235

 76, 101, 206

 41, 78, 178

 0, 55, 151

 0, 35, 125


 0, 16, 99

 0, 3, 74


 0, 4, 51


 0, 2, 29

 0, 0, 0

 107, 126, 235

 107, 126, 235

 84, 106, 235

 131, 146, 235

 60, 86, 235

 154, 166, 235

 37, 66, 235

 178, 186, 235

 13, 46, 235

 201, 206, 235

 0, 35, 235

 225, 226, 235

 248, 246, 235

 255, 255, 235

Harmonies

Analogous

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



0, 145, 242



107, 126, 235



186, 101, 201

Triad

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



107, 126, 235



210, 105, 48



0, 159, 119

Complementary

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



107, 126, 235



235, 216, 107

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.



46, 154, 64



107, 126, 235



172, 127, 1

Square

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



107, 126, 235



230, 84, 97



122, 144, 13



0, 160, 175

Rectangle

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



107, 126, 235



215, 86, 168



122, 144, 13



0, 158, 100

Sweetspot

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



107, 126, 235



214, 220, 255



107, 235, 216



103, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



107, 126, 235



89, 114, 255



152, 107, 235



106, 107, 117



0, 27, 181



0, 8, 54

Inverse Universe

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



235, 107, 126



255, 89, 114



190, 235, 107



117, 106, 107



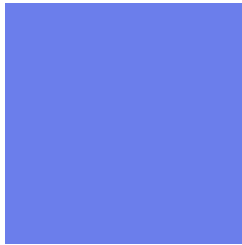
181, 0, 27



54, 0, 8

Previews

White Background



This preview shows how the RGB color 107, 126, 235 looks on a white background.

Color Contrast Check

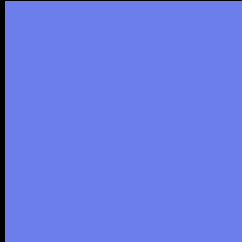
Large Text (above 18pt) WCAG AA ✓ Pass

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 107, 126, 235 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 107, 126, 235 Background



This preview shows how black text looks on a background with the RGB color 107, 126, 235.

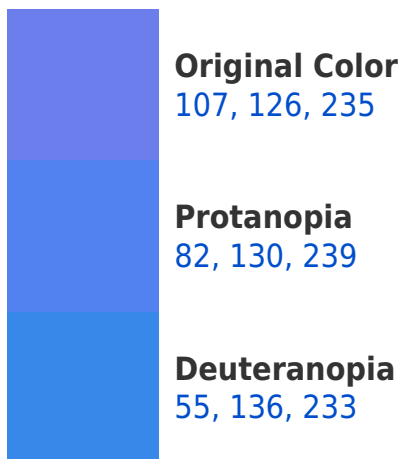


This preview shows how white text looks on a background with the RGB color 107, 126, 235.

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

79, 144, 156

Trichromacy



Original Color

107, 126, 235

Protanomaly

91, 129, 238

Deuteranomaly

74, 132, 234

Tritanomaly

89, 137, 185

Monochromacy



Original Color

107, 126, 235

Achromatopsia

133, 133, 133

Achromatomaly

124, 130, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 126, 235 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(107, 126, 235)` looks like.

```
.text, #text, p{  
    color:rgb(107, 126, 235)  
}
```

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(107, 126, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 126, 235) }
```

Border

The CSS property to change the border of an element to RGB 107, 126, 235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

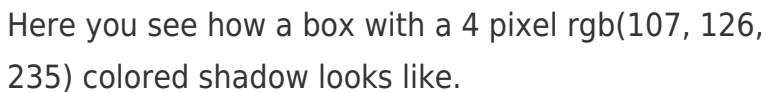
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 126, 235) }
```

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

```
.border{ border-color:rgb(107, 126, 235) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 126, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 126, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 126, 235);  
box-shadow:4px 4px 4px 4px rgb(107, 126,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 107, 126, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 126, 235) }
```

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

```
.background{ background-color: rgb(107,  
126, 235) }
```

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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