

Converting Colors

RGB(118, 144, 246)

Have a look what the booklet for
RGB(118, 144, 246) contains.

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Color

RGB(118, 144, 246)

Conversions

Conversions Part 1

Format	Color
Hex	7690F6
RGB	118, 144, 246
RGB Percent	46%, 56%, 96%
CMY	0.5373, 0.4353, 0.0353
CMYK	0.52, 0.41, 0.00, 0.04
HSL	228°, 88%, 71%
HSV	228°, 52%, 96%
XYZ	34.0790, 30.4519, 91.2704
YIQ	147.8540, -48.2380, 26.2100

Conversions

Conversions Part 2

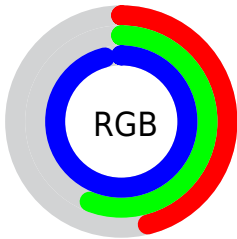
Format	Color
R _Y B	118, 140, 246
Decimal	7770358
CIE Lab	62.04, 18.82, -54.02
CIE LCh	62, 57.206, 289.210
Yxy	30.4519, 0.2187, 0.1955
Android (android.graphics.Color)	4285960438 (0xFF7690F6)
YUV	147.8540, 48.3860, -26.1820
Hunter-Lab	55.1832, 13.6640, -59.4346

Details

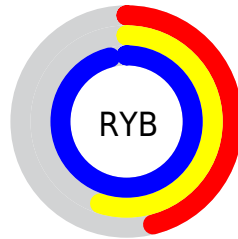
The RGB color **118, 144, 246** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **246, 220, 118**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **177, 198, 255**, and **55, 94, 189** is the 20% darker color. If you saturate the color by 10%, you get **93, 124, 246**, and if you desaturate by 10%, it is **143, 164, 246**.

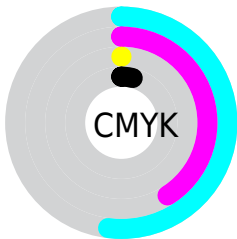
Distribution



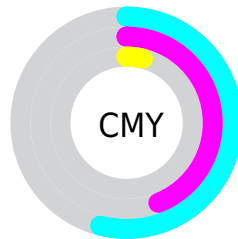
- Red (46%)
- Green (56%)
- Blue (96%)



- Red (46%)
- Yellow (55%)
- Blue (96%)



- Cyan (52%)
- Magenta (41%)
- Yellow (0%)
- Black (4%)



- Cyan (54%)
- Magenta (44%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 118, 144, 246 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 118, 144, 246 by changing the saturation by 10% instead.


 118, 144, 246


255, 255, 255

 177, 198, 255

 206, 225, 255

 236, 254, 255

 118, 144, 246

 88, 119, 217

 55, 94, 189

 3, 71, 162

 0, 49, 135

 0, 29, 109

 0, 4, 84

 0, 6, 60

 0, 2, 37

 0, 1, 14

■ 118, 144, 246

■ 118, 144, 246

■ 93, 124, 246

■ 143, 164, 246

■ 69, 105, 246

■ 167, 183, 246

■ 44, 85, 246

■ 192, 203, 246

■ 20, 66, 246

■ 216, 222, 246

■ 0, 50, 246

■ 241, 242, 246

■ 255, 255, 246

Harmonies

Analogous

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



0, 161, 249



118, 144, 246



193, 123, 217

Triad

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



118, 144, 246



227, 121, 74



0, 173, 129

Complementary

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



118, 144, 246



246, 220, 118

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.



85, 168, 80



118, 144, 246



192, 141, 44

Square

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



118, 144, 246



243, 105, 119



146, 157, 45



0, 174, 182

Rectangle

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



118, 144, 246



223, 110, 187



146, 157, 45



0, 172, 112

Sweetspot

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



118, 144, 246



214, 222, 255



118, 246, 218



103, 108, 128



0, 0, 0



128, 128, 128

Same Dimension

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



118, 144, 246



97, 129, 255



154, 118, 246



110, 113, 122



0, 38, 186



0, 12, 59

Inverse Universe

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



246, 118, 144



255, 97, 129



210, 246, 118



122, 110, 113



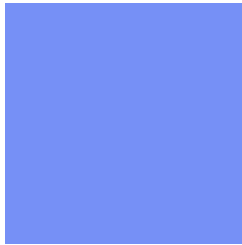
186, 0, 38



59, 0, 12

Previews

White Background



This preview shows how the RGB color 118, 144, 246 looks on a white background.

Color Contrast Check

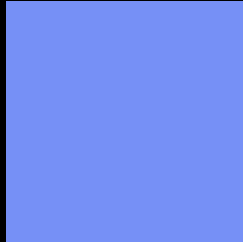
Large Text (above 18pt) WCAG AA × Fail

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 118, 144, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

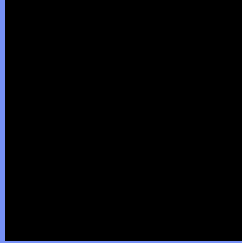
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 118, 144, 246 Background



This preview shows how black text looks on a background with the RGB color 118, 144, 246.



This preview shows how white text looks on a background with the RGB color 118, 144, 246.

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
118, 144, 246

Protanopia
108, 146, 248

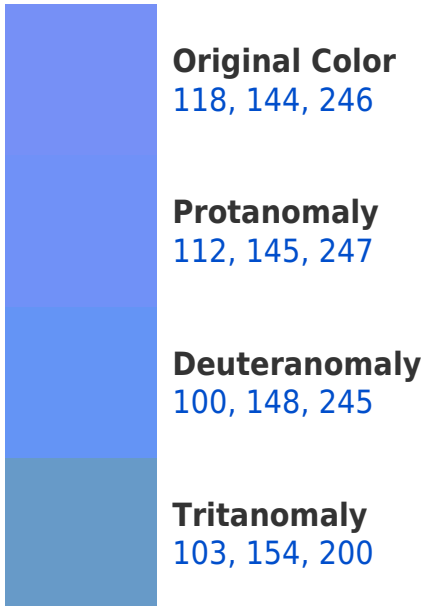
Deuteranopia
90, 150, 245



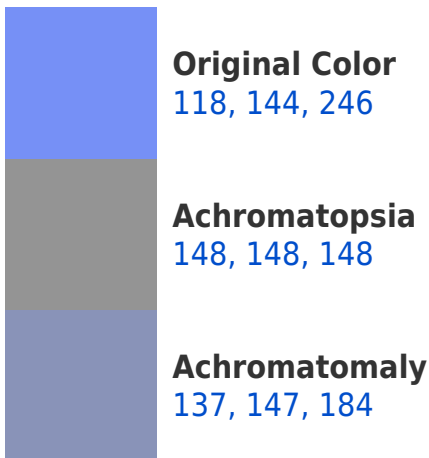
Tritanopia

94, 160, 173

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 118, 144, 246 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(118, 144, 246)` looks like.

```
.text, #text, p{  
    color:rgb(118, 144, 246)  
}
```

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(118, 144, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 144, 246) }
```

Border

The CSS property to change the border of an element to RGB 118, 144, 246 is called "border". The border property can be set on classes, ids or directly on the HTML element.

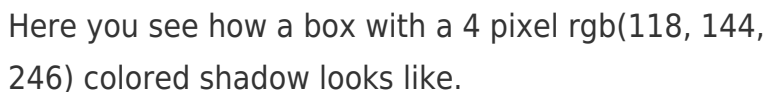
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 144, 246) }
```

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

```
.border{ border-color:rgb(118, 144, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 144, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 144, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 144, 246); box-shadow:4px 4px 4px 4px rgb(118, 144, 246) }
```

Background

The CSS property to change the background color of an element to RGB 118, 144, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 144, 246) }
```

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

```
.background{ background-color: rgb(118,  
144, 246) }
```

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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