

Converting Colors

RGB(119, 144, 234)

Have a look what the booklet for
RGB(119, 144, 234) contains.

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Color

RGB(119, 144, 234)

Conversions

Conversions Part 1

Format	Color
Hex	7790EA
RGB	119, 144, 234
RGB Percent	47%, 56%, 92%
CMY	0.5333, 0.4353, 0.0824
CMYK	0.49, 0.38, 0.00, 0.08
HSL	227°, 73%, 69%
HSV	227°, 49%, 92%
XYZ	32.4323, 29.8090, 81.8862
YIQ	146.7850, -43.7900, 22.6900

Conversions

Conversions Part 2

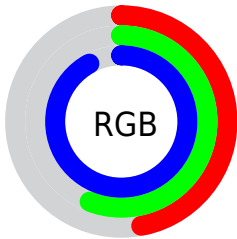
Format	Color
R _Y B	119, 140, 234
Decimal	7835882
CIE Lab	61.49, 15.39, -48.28
CIE LCh	61, 50.670, 287.682
Yxy	29.8090, 0.2250, 0.2068
Android (android.graphics.Color)	4286025962 (0xFF7790EA)
YUV	146.7850, 42.9970, -24.3674
Hunter-Lab	54.5976, 10.4875, -50.7057

Details

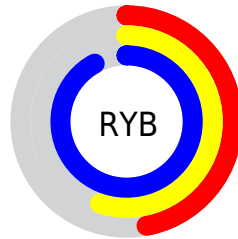
The RGB color **119, 144, 234** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **234, 209, 119**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **176, 198, 255**, and **60, 94, 178** is the 20% darker color. If you saturate the color by 10%, you get **96, 126, 234**, and if you desaturate by 10%, it is **142, 162, 234**.

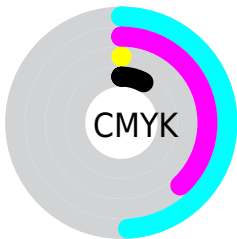
Distribution



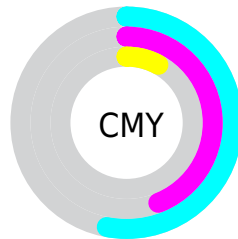
- Red (47%)
- Green (56%)
- Blue (92%)



- Red (47%)
- Yellow (55%)
- Blue (92%)



- Cyan (49%)
- Magenta (38%)
- Yellow (0%)
- Black (8%)



- Cyan (53%)
- Magenta (44%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 144, 234 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, 144, 234 by changing the saturation by 10% instead.


 119, 144, 234


255, 255, 255


 176, 198, 255


 206, 225, 255

 235, 254, 255

 119, 144, 234

 90, 119, 206

 60, 94, 178

 21, 71, 151

 0, 49, 124

 0, 29, 99

 0, 2, 74


 0, 4, 51


 0, 2, 29


 0, 0, 0

 119, 144, 234

 119, 144, 234

 96, 126, 234

 142, 162, 234

 72, 107, 234

 166, 181, 234

 49, 89, 234

 189, 199, 234

 25, 71, 234

 213, 217, 234

 2, 52, 234

 236, 236, 234

 0, 51, 234

 255, 254, 234

 255, 255, 234

Harmonies

Analogous

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



0, 159, 236



119, 144, 234



185, 126, 209

Triad

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



119, 144, 234



219, 123, 84



0, 170, 128

Complementary

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



119, 144, 234



234, 209, 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.



96, 164, 85



119, 144, 234



189, 140, 58

Square

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



119, 144, 234



232, 110, 124



148, 154, 58



0, 171, 174

Rectangle

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



119, 144, 234



212, 115, 183



148, 154, 58



42, 168, 113

Sweetspot

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



119, 144, 234



217, 225, 255



119, 234, 207



105, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



119, 144, 234



105, 137, 255



150, 119, 234



106, 108, 117



0, 39, 181



0, 12, 54

Inverse Universe

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



234, 119, 144



255, 105, 137



203, 234, 119



117, 106, 108



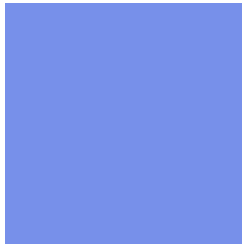
181, 0, 39



54, 0, 12

Previews

White Background



This preview shows how the RGB color 119, 144, 234 looks on a white background.

Color Contrast Check

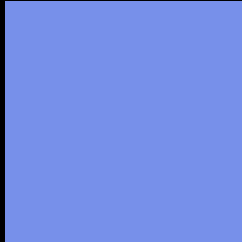
Large Text (above 18pt) WCAG AA ✓ Pass

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, 144, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

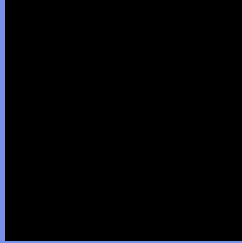
Any Text WCAG AA ✓ Pass

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, 144, 234 Background



This preview shows how black text looks on a background with the RGB color 119, 144, 234.



This preview shows how white text looks on a background with the RGB color 119, 144, 234.

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, 144, 234

Protanopia
114, 145, 235

Deuteranopia
102, 148, 233



Tritanopia
99, 157, 170

Trichromacy



Original Color
119, 144, 234

Protanomaly
116, 145, 235

Deuteranomaly
108, 147, 233

Tritanomaly
106, 152, 193

Monochromacy



Original Color
119, 144, 234

Achromatopsia
147, 147, 147

Achromatomaly
137, 146, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 144, 234 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, 144, 234)` looks like.

```
.text, #text, p{  
    color:rgb(119, 144, 234)  
}
```

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, 144, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 144, 234) }
```

Border

The CSS property to change the border of an element to RGB 119, 144, 234 is called "border". The border property can be set on classes, ids or directly on the HTML element.

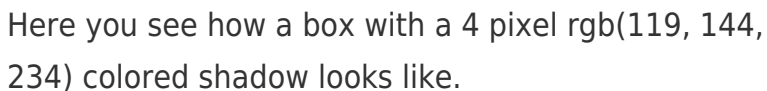
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 144, 234) }
```

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

```
.border{ border-color:rgb(119, 144, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 144, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 144, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 144, 234);  
box-shadow:4px 4px 4px 4px rgb(119, 144,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 119, 144, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 144, 234) }
```

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

```
.background{ background-color: rgb(119,  
144, 234) }
```

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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