

Converting Colors

RGB(122, 157, 234)

Have a look what the booklet for
RGB(122, 157, 234) contains.

RGB(122, 157, 234)	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(122, 157, 234)

Conversions

Conversions Part 1

Format	Color
Hex	7A9DEA
RGB	122, 157, 234
RGB Percent	48%, 62%, 92%
CMY	0.5216, 0.3843, 0.0824
CMYK	0.48, 0.33, 0.00, 0.08
HSL	221°, 73%, 70%
HSV	221°, 48%, 92%
XYZ	34.9343, 34.1920, 82.6004
YIQ	155.3130, -45.5770, 16.5270

Conversions

Conversions Part 2

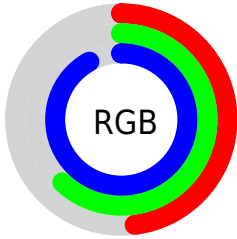
Format	Color
RYB	122, 149, 234
Decimal	8035818
CIELab	65.11, 8.53, -42.55
CIELCh	65, 43.398, 281.329
Yxy	34.1920, 0.2302, 0.2254
Android (android.graphics.Color)	4286225898 (0xFF7A9DEA)
YUV	155.3130, 38.7927, -29.2155
Hunter-Lab	58.4740, 4.3125, -42.8214

Details

The RGB color **122, 157, 234** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **234, 199, 122**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **179, 211, 255**, and **64, 106, 178** is the 20% darker color. If you saturate the color by 10%, you get **99, 141, 234**, and if you desaturate by 10%, it is **145, 173, 234**.

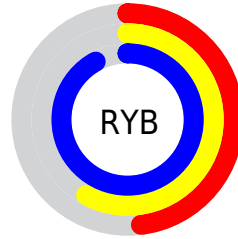
Distribution



Red (48%)

Green (62%)

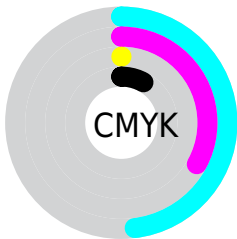
Blue (92%)



Red (48%)

Yellow (58%)

Blue (92%)

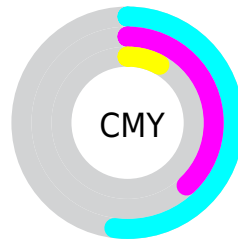


Cyan (48%)

Magenta (33%)

Yellow (0%)

Black (8%)



Cyan (52%)


Magenta (38%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 157, 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 122, 157, 234 by changing the saturation by 10% instead.


 122, 157, 234


255, 255, 255


 179, 211, 255

 208, 240, 255

 238, 255, 255


 122, 157, 234


 93, 131, 206

 64, 106, 178

 29, 82, 151

 0, 60, 125

 0, 39, 99

 0, 18, 75

 0, 4, 52

 0, 2, 30

 0, 0, 0

■ 122, 157, 234

■ 122, 157, 234

■ 99, 141, 234

■ 145, 173, 234

■ 75, 125, 234

■ 169, 189, 234

■ 52, 109, 234

■ 192, 205, 234

■ 28, 93, 234

■ 216, 221, 234

■ 5, 77, 234

■ 239, 237, 234

■ 0, 73, 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.



15, 169, 231



122, 157, 234



181, 142, 217

Triad

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



122, 157, 234



226, 134, 109



71, 176, 132

Complementary

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



122, 157, 234



234, 199, 122

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.



125, 171, 98



122, 157, 234



202, 147, 84

Square

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



122, 157, 234



232, 126, 145



168, 161, 80



0, 178, 172

Rectangle

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



122, 157, 234



208, 133, 196



168, 161, 80



91, 175, 119

Sweetspot

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



122, 157, 234



219, 230, 255



122, 234, 199



106, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



122, 157, 234



110, 155, 255



143, 122, 234



106, 109, 117



0, 57, 181



0, 17, 54

Inverse Universe

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



234, 122, 157



255, 110, 155



213, 234, 122



117, 106, 109



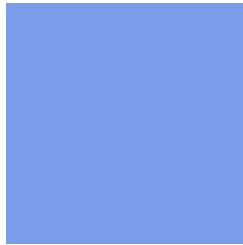
181, 0, 57



54, 0, 17

Previews

White Background



This preview shows how the RGB color 122, 157, 234 looks on a white background.

Color Contrast Check

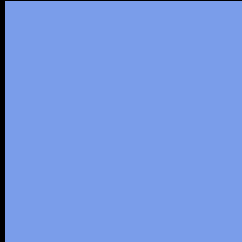
Large Text (above 18pt) WCAG AA × Fail

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 122, 157, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

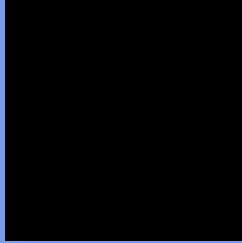
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

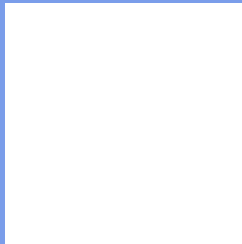
Any Text WCAG AAA ✓ Pass

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

RGB 122, 157, 234 Background



This preview shows how black text looks on a background with the RGB color 122, 157, 234.



This preview shows how white text looks on a background with the RGB color 122, 157, 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
122, 157, 234

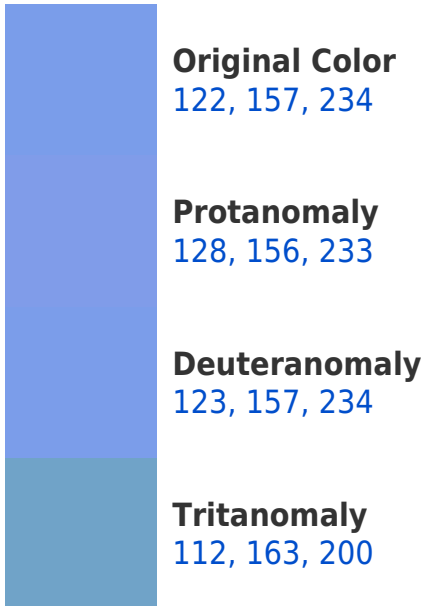
Protanopia
132, 155, 232

Deuteranopia
124, 157, 234

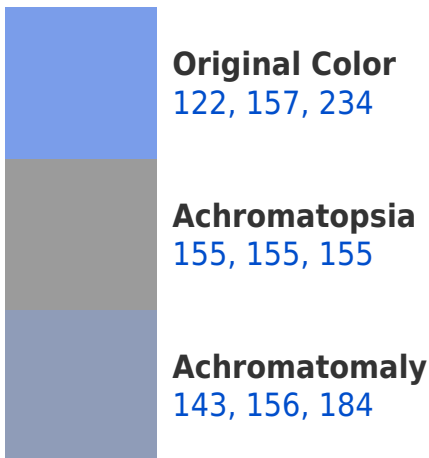


Tritanopia
106, 167, 181

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 157, 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(122, 157, 234)` looks like.

```
.text, #text, p{  
    color:rgb(122, 157, 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(122, 157, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 157, 234) }
```

Border

The CSS property to change the border of an element to RGB 122, 157, 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(122, 157, 234) }
```

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

```
.border{ border-color:rgb(122, 157, 234) }
```

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

Here you see how a box with a 4 pixel rgb(122, 157, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 157, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 157, 234);  
box-shadow:4px 4px 4px 4px rgb(122, 157,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 122, 157, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 157, 234) }
```

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

```
.background{ background-color: rgb(122,  
157, 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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