

Converting Colors

RGB(126, 157, 235)

Have a look what the booklet for
RGB(126, 157, 235) contains.

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Color

RGB(126, 157, 235)

Conversions

Conversions Part 1

Format	Color
Hex	7E9DEB
RGB	126, 157, 235
RGB Percent	49%, 62%, 92%
CMY	0.5059, 0.3843, 0.0784
CMYK	0.46, 0.33, 0.00, 0.08
HSL	223°, 73%, 71%
HSV	223°, 46%, 92%
XYZ	35.6566, 34.5477, 83.3863
YIQ	156.6230, -43.5140, 17.6860

Conversions

Conversions Part 2

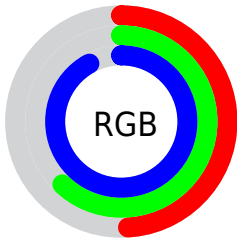
Format	Color
R _Y B	126, 150, 235
Decimal	8297963
CIE Lab	65.40, 9.77, -42.65
CIE LCh	65, 43.750, 282.902
Yxy	34.5477, 0.2322, 0.2249
Android (android.graphics.Color)	4286488043 (0xFF7E9DEB)
YUV	156.6230, 38.6399, -26.8564
Hunter-Lab	58.7773, 5.4246, -42.9696

Details

The RGB color **126, 157, 235** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **235, 204, 126**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **183, 211, 255**, and **69, 106, 179** is the 20% darker color. If you saturate the color by 10%, you get **103, 140, 235**, and if you desaturate by 10%, it is **149, 174, 235**.

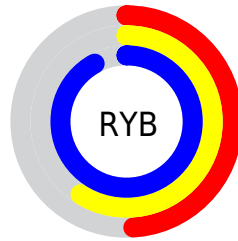
Distribution



Red (49%)

Green (62%)

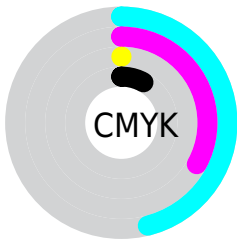
Blue (92%)



Red (49%)

Yellow (59%)

Blue (92%)

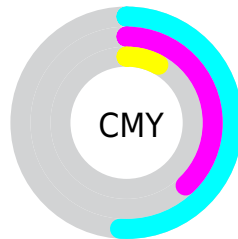


Cyan (46%)

Magenta (33%)

Yellow (0%)

Black (8%)



Cyan (51%)

Magenta (38%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 126, 157, 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 126, 157, 235 by changing the saturation by 10% instead.


 126, 157, 235


255, 255, 255

 183, 211, 255

 212, 240, 255

 242, 255, 255

 126, 157, 235


 98, 131, 207

 69, 106, 179

 36, 82, 152

 0, 60, 125

 0, 38, 100

 0, 18, 76

 0, 4, 52

 0, 2, 30


 0, 0, 1

 126, 157, 235


 126, 157, 235

 103, 140, 235

 149, 174, 235

 79, 123, 235

 173, 191, 235

 56, 107, 235

 197, 207, 235

 32, 90, 235

 220, 224, 235

 9, 73, 235

 244, 241, 235

 0, 67, 235

 255, 255, 235

Harmonies

Analogous

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



26, 169, 233



126, 157, 235



184, 142, 216

Triad

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



126, 157, 235



226, 135, 107



67, 177, 134

Complementary

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



126, 157, 235



235, 204, 126

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.



123, 172, 100



126, 157, 235



202, 149, 83

Square

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



126, 157, 235



234, 127, 143



166, 162, 80



0, 179, 175

Rectangle

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



126, 157, 235



211, 133, 195



166, 162, 80



88, 176, 122

Sweetspot

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



126, 157, 235



219, 229, 255



126, 235, 202



106, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



126, 157, 235



112, 153, 255



148, 126, 235



106, 109, 117



0, 51, 181



0, 15, 54

Inverse Universe

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



235, 126, 157



255, 112, 153



213, 235, 126



117, 106, 109



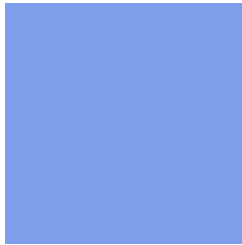
181, 0, 51



54, 0, 15

Previews

White Background



This preview shows how the RGB color 126, 157, 235 looks on a white background.

Color Contrast Check

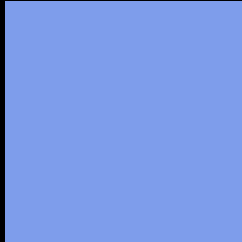
Large Text (above 18pt) WCAG AA × Fail

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 126, 157, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

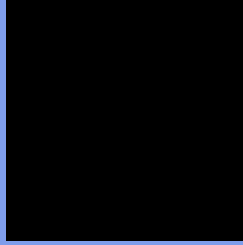
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RGB 126, 157, 235 Background



This preview shows how black text looks on a background with the RGB color 126, 157, 235.

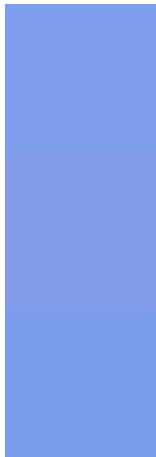


This preview shows how white text looks on a background with the RGB color 126, 157, 235.

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



Original Color
126, 157, 235

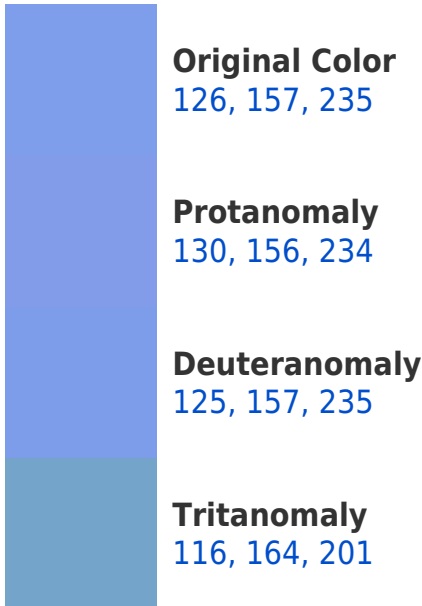
Protanopia
132, 156, 234

Deuteranopia
124, 157, 235

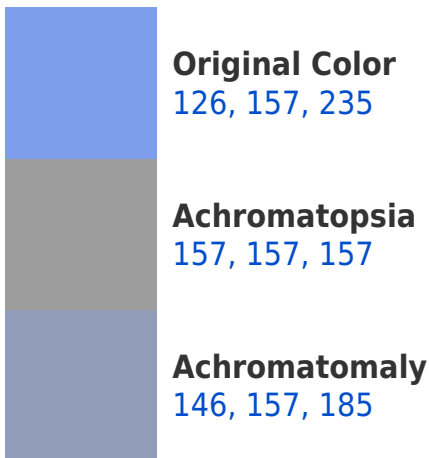


Tritanopia
110, 168, 181

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 126, 157, 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(126, 157, 235)` looks like.

```
.text, #text, p{  
    color:rgb(126, 157, 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(126, 157, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 157, 235) }
```

Border

The CSS property to change the border of an element to RGB 126, 157, 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(126, 157, 235) }
```

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

```
.border{ border-color:rgb(126, 157, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 157, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 157, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 157, 235);  
box-shadow:4px 4px 4px 4px rgb(126, 157,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 126, 157, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 157, 235) }
```

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

```
.background{ background-color: rgb(126,  
157, 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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