

Converting Colors

RGB(120, 156, 231)

Have a look what the booklet for
RGB(120, 156, 231) contains.

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Color

RGB(120, 156, 231)

Conversions

Conversions Part 1

Format	Color
Hex	789CE7
RGB	120, 156, 231
RGB Percent	47%, 61%, 91%
CMY	0.5294, 0.3882, 0.0941
CMYK	0.48, 0.32, 0.00, 0.09
HSL	221°, 70%, 69%
HSV	221°, 48%, 91%
XYZ	34.0580, 33.5395, 80.2800
YIQ	153.7860, -45.5310, 15.6930

Conversions

Conversions Part 2

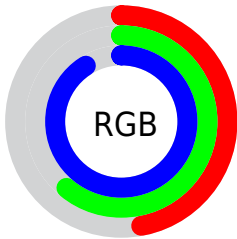
Format	Color
R _Y B	120, 147, 231
Decimal	7904487
CIE Lab	64.60, 7.74, -41.72
CIE LCh	65, 42.436, 280.514
Yxy	33.5395, 0.2303, 0.2268
Android (android.graphics.Color)	4286094567 (0xFF789CE7)
YUV	153.7860, 38.0665, -29.6303
Hunter-Lab	57.9133, 3.6250, -41.6491

Details

The RGB color **120, 156, 231** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **231, 195, 120**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **177, 210, 255**, and **62, 105, 175** is the 20% darker color. If you saturate the color by 10%, you get **97, 140, 231**, and if you desaturate by 10%, it is **143, 172, 231**.

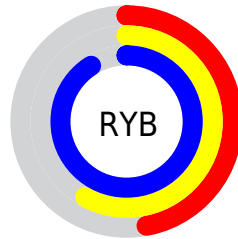
Distribution



Red (47%)

Green (61%)

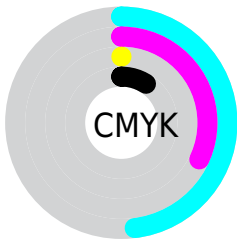
Blue (91%)



Red (47%)

Yellow (58%)

Blue (91%)

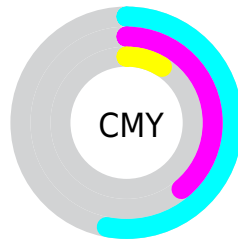


Cyan (48%)

Magenta (32%)

Yellow (0%)

Black (9%)



Cyan (53%)


Magenta (39%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 156, 231 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 120, 156, 231 by changing the saturation by 10% instead.


 120, 156, 231


255, 255, 255

 177, 210, 255

 206, 238, 255

 235, 255, 255

 120, 156, 231


 92, 130, 203

 62, 105, 175

 27, 81, 148

 0, 59, 122

 0, 38, 97

 0, 17, 72

 0, 4, 49

 0, 1, 27

 0, 0, 0

■ 120, 156, 231

■ 120, 156, 231

■ 97, 140, 231

■ 143, 172, 231

■ 74, 125, 231

■ 166, 187, 231

■ 51, 109, 231

■ 189, 203, 231

■ 28, 94, 231

■ 212, 218, 231

■ 5, 78, 231

■ 235, 234, 231

■ 0, 75, 231

■ 255, 250, 231

■ 255, 255, 231

Harmonies

Analogous

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



21, 167, 227



120, 156, 231



178, 142, 215

Triad

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



120, 156, 231



223, 133, 109



74, 175, 130

Complementary

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



120, 156, 231



231, 195, 120

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.



126, 169, 97



120, 156, 231



201, 146, 85

Square

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



120, 156, 231



229, 126, 145



167, 159, 80



0, 176, 169

Rectangle

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



120, 156, 231



204, 133, 195



167, 159, 80



93, 173, 118

Sweetspot

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



120, 156, 231



219, 231, 255



120, 231, 194



106, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



120, 156, 231



107, 155, 255



138, 120, 231



103, 107, 115



0, 58, 179



0, 17, 51

Inverse Universe

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



231, 120, 156



255, 107, 155



213, 231, 120



115, 103, 107



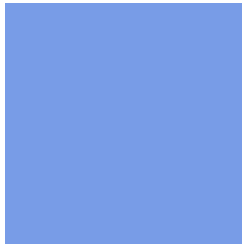
179, 0, 58



51, 0, 17

Previews

White Background



This preview shows how the RGB color 120, 156, 231 looks on a white background.

Color Contrast Check

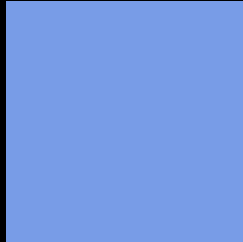
Large Text (above 18pt) WCAG AA × Fail

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 120, 156, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

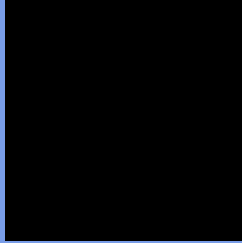
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

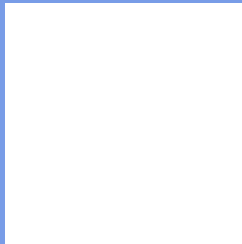
Any Text WCAG AAA ✓ Pass

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

RGB 120, 156, 231 Background



This preview shows how black text looks on a background with the RGB color 120, 156, 231.



This preview shows how white text looks on a background with the RGB color 120, 156, 231.

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
120, 156, 231

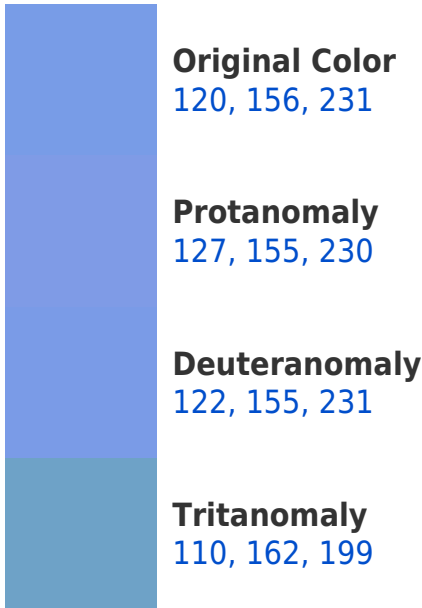
Protanopia
131, 154, 229

Deuteranopia
123, 155, 231

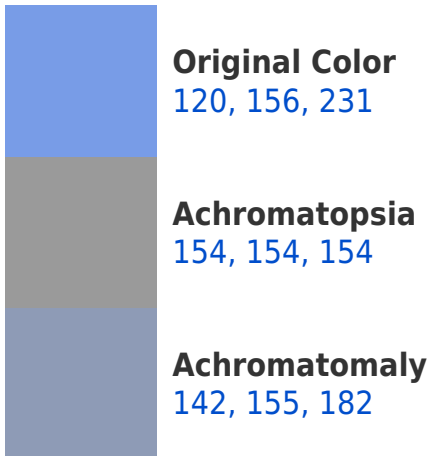


Tritanopia
104, 166, 180

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 156, 231 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(120, 156, 231)` looks like.

```
.text, #text, p{  
    color:rgb(120, 156, 231)  
}
```

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(120, 156, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 156, 231) }
```

Border

The CSS property to change the border of an element to RGB 120, 156, 231 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(120, 156, 231) }
```

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

```
.border{ border-color:rgb(120, 156, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 156, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 156, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 156, 231);  
box-shadow:4px 4px 4px 4px rgb(120, 156,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 120, 156, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 156, 231) }
```

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

```
.background{ background-color: rgb(120,  
156, 231) }
```

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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