

Converting Colors

RGB(120, 166, 242)

Have a look what the booklet for
RGB(120, 166, 242) contains.

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Color

RGB(120, 166, 242)

Conversions

Conversions Part 1

Format	Color
Hex	78A6F2
RGB	120, 166, 242
RGB Percent	47%, 65%, 95%
CMY	0.5294, 0.3490, 0.0510
CMYK	0.50, 0.31, 0.00, 0.05
HSL	217°, 82%, 71%
HSV	217°, 50%, 95%
XYZ	37.4090, 37.6763, 89.3050
YIQ	160.9100, -51.8120, 13.8840

Conversions

Conversions Part 2

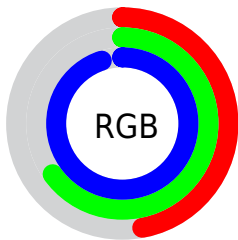
Format	Color
RYB	120, 153, 242
Decimal	7907058
CIELab	67.78, 5.30, -42.76
CIELCh	68, 43.089, 277.060
Yxy	37.6763, 0.2276, 0.2292
Android (android.graphics.Color)	4286097138 (0xFF78A6F2)
YUV	160.9100, 39.9774, -35.8781
Hunter-Lab	61.3810, 1.3709, -43.2960

Details

The RGB color **120, 166, 242** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **242, 196, 120**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **178, 221, 255**, and **60, 114, 185** is the 20% darker color. If you saturate the color by 10%, you get **96, 151, 242**, and if you desaturate by 10%, it is **144, 181, 242**.

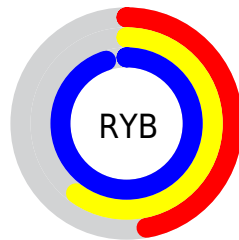
Distribution



Red (47%)

Green (65%)

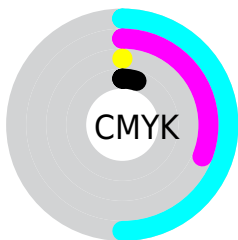
Blue (95%)



Red (47%)

Yellow (60%)

Blue (95%)

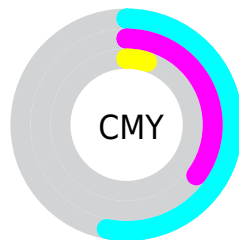


Cyan (50%)

Magenta (31%)

Yellow (0%)

Black (5%)



Cyan (53%)


Magenta (35%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 166, 242 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, 166, 242 by changing the saturation by 10% instead.


 120, 166, 242


255, 255, 255


 178, 221, 255

 207, 249, 255

 237, 255, 255

 120, 166, 242

 91, 140, 213

 60, 114, 185

 19, 90, 158

 0, 67, 132

 0, 46, 106

 0, 26, 81

 0, 5, 58

 0, 2, 35

 0, 0, 11

■ 120, 166, 242

■ 120, 166, 242

■ 96, 151, 242

■ 144, 181, 242

■ 72, 136, 242

■ 168, 196, 242

■ 47, 121, 242

■ 193, 211, 242

■ 23, 106, 242

■ 217, 226, 242

■ 0, 91, 242

■ 241, 241, 242

■ 255, 255, 242

Harmonies

Analogous

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



10, 177, 236



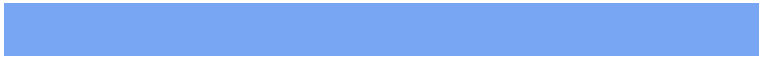
120, 166, 242



181, 151, 227

Triad

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



120, 166, 242



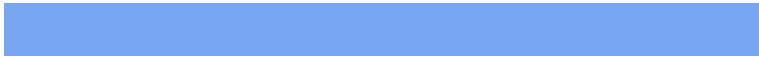
235, 140, 120



88, 183, 134

Complementary

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



120, 166, 242



242, 196, 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.



139, 176, 101



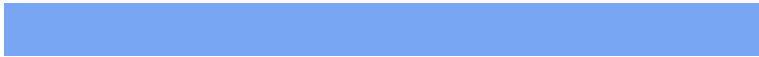
120, 166, 242



214, 152, 94

Square

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



120, 166, 242



239, 134, 157



181, 166, 86



0, 185, 173

Rectangle

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



120, 166, 242



210, 142, 208



181, 166, 86



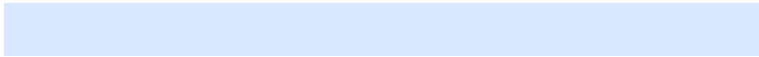
107, 181, 121

Sweetspot

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



120, 166, 242



217, 231, 255



120, 242, 195



105, 113, 128



0, 0, 0



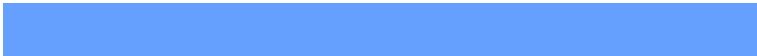
128, 128, 128

Same Dimension

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



120, 166, 242



102, 160, 255



134, 120, 242



108, 112, 120



0, 69, 184



0, 21, 56

Inverse Universe

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



242, 120, 166



255, 102, 160



228, 242, 120



120, 108, 112



184, 0, 69



56, 0, 21

Previews

White Background



This preview shows how the RGB color 120, 166, 242 looks on a white background.

Color Contrast Check

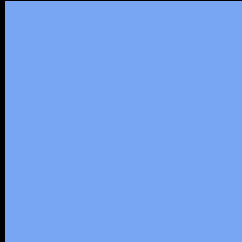
Large Text (above 18pt) WCAG AA × Fail

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, 166, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

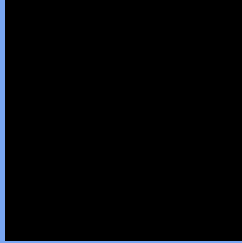
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

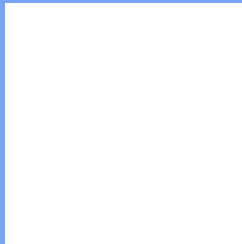
Any Text WCAG AAA ✓ Pass

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

RGB 120, 166, 242 Background



This preview shows how black text looks on a background with the RGB color 120, 166, 242.



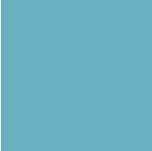
This preview shows how white text looks on a background with the RGB color 120, 166, 242.

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](#).

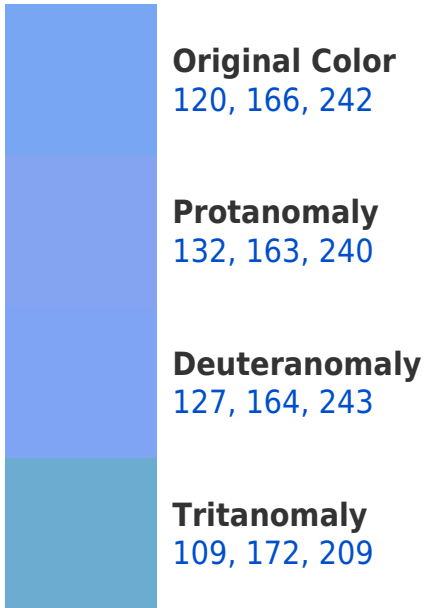
Dichromacy



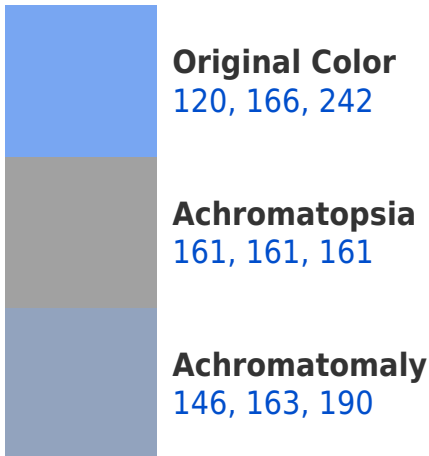


Tritanopia
103, 176, 190

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 166, 242 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, 166, 242)` looks like.

```
.text, #text, p{  
    color:rgb(120, 166, 242)  
}
```

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, 166, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 166, 242) }
```

Border

The CSS property to change the border of an element to RGB 120, 166, 242 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, 166, 242) }
```

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

```
.border{ border-color:rgb(120, 166, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 166, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 166, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 166, 242);  
box-shadow:4px 4px 4px 4px rgb(120, 166,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 120, 166, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 166, 242) }
```

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

```
.background{ background-color: rgb(120,  
166, 242) }
```

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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