

Converting Colors

RGB(120, 161, 211)

Have a look what the booklet for
RGB(120, 161, 211) contains.

RGB(120, 161, 211)	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(120, 161, 211)

Conversions

Conversions Part 1

Format	Color
Hex	78A1D3
RGB	120, 161, 211
RGB Percent	47%, 63%, 83%
CMY	0.5294, 0.3686, 0.1725
CMYK	0.43, 0.24, 0.00, 0.17
HSL	213°, 51%, 65%
HSV	213°, 43%, 83%
XYZ	32.2485, 34.1860, 66.5269
YIQ	154.4410, -40.4860, 6.8580

Conversions

Conversions Part 2

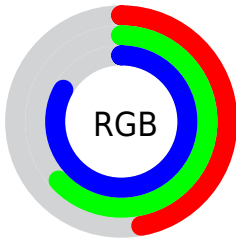
Format	Color
R _Y B	120, 148, 211
Decimal	7905747
CIE Lab	65.11, -0.88, -29.87
CIE LCh	65, 29.879, 268.316
Yxy	34.1860, 0.2425, 0.2571
Android (android.graphics.Color)	4286095827 (0xFF78A1D3)
YUV	154.4410, 27.8836, -30.2048
Hunter-Lab	58.4688, -3.8686, -26.5332

Details

The RGB color **120, 161, 211** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **211, 170, 120**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **176, 216, 255**, and **65, 110, 156** is the 20% darker color. If you saturate the color by 10%, you get **99, 149, 211**, and if you desaturate by 10%, it is **141, 173, 211**.

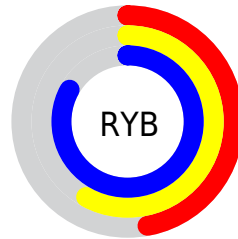
Distribution



Red (47%)

Green (63%)

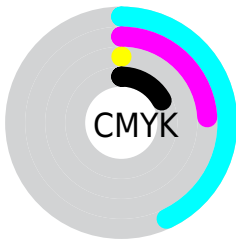
Blue (83%)



Red (47%)

Yellow (58%)

Blue (83%)

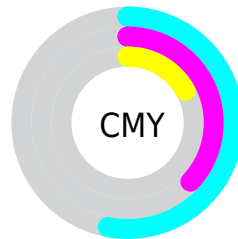


Cyan (43%)

Magenta (24%)

Yellow (0%)

Black (17%)



Cyan (53%)


Magenta (37%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 161, 211 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, 161, 211 by changing the saturation by 10% instead.


 120, 161, 211


255, 255, 255


 176, 216, 255

 204, 244, 255

 233, 255, 255

 120, 161, 211

 93, 135, 183

 65, 110, 156

 36, 85, 130

 0, 62, 105

 0, 41, 80

 0, 21, 57

 0, 2, 35

 0, 0, 10

 0, 0, 0

■ 120, 161, 211

■ 120, 161, 211

■ 99, 149, 211

■ 141, 173, 211

■ 78, 138, 211

■ 162, 184, 211

■ 57, 126, 211

■ 183, 196, 211

■ 36, 115, 211

■ 204, 207, 211

■ 14, 103, 211

■ 226, 219, 211

■ 0, 95, 211

■ 247, 231, 211

■ 255, 242, 211

■ 255, 254, 211

■ 255, 255, 211

Harmonies

Analogous

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



83, 168, 203



120, 161, 211



160, 152, 205

Triad

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



120, 161, 211



211, 140, 134



119, 170, 129

Complementary

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



120, 161, 211



211, 170, 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.



150, 164, 110



120, 161, 211



199, 147, 113

Square

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



120, 161, 211



208, 138, 161



178, 156, 105



88, 173, 156

Rectangle

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



120, 161, 211



182, 145, 194



178, 156, 105



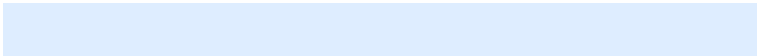
129, 168, 122

Sweetspot

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



120, 161, 211



222, 237, 255



120, 211, 169



107, 116, 128



0, 0, 0



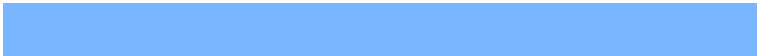
128, 128, 128

Same Dimension

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



120, 161, 211



122, 182, 255



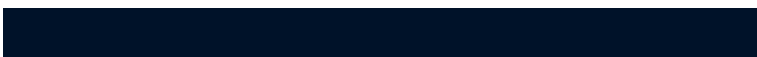
123, 120, 211



94, 99, 105



0, 76, 168



0, 18, 41

Inverse Universe

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



211, 120, 161



255, 122, 182



208, 211, 120



105, 94, 99



168, 0, 76



41, 0, 18

Previews

White Background



This preview shows how the RGB color 120, 161, 211 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, 161, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

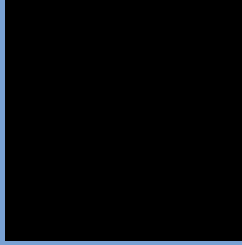
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

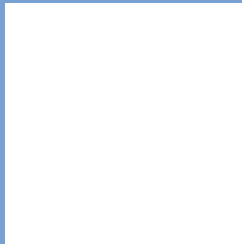
Any Text WCAG AAA ✓ Pass

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

RGB 120, 161, 211 Background



This preview shows how black text looks on a background with the RGB color 120, 161, 211.



This preview shows how white text looks on a background with the RGB color 120, 161, 211.

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, 161, 211

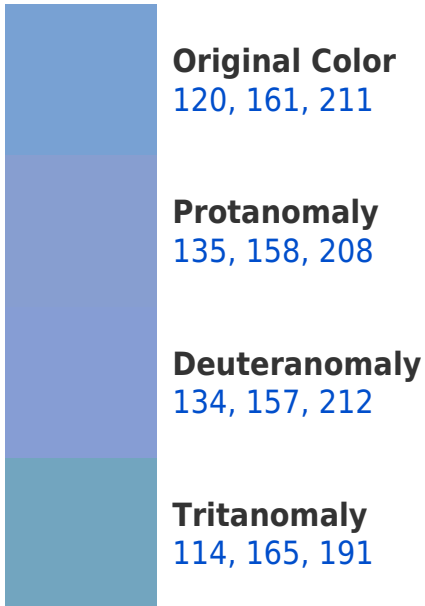
Protanopia
144, 156, 207

Deuteranopia
142, 155, 212

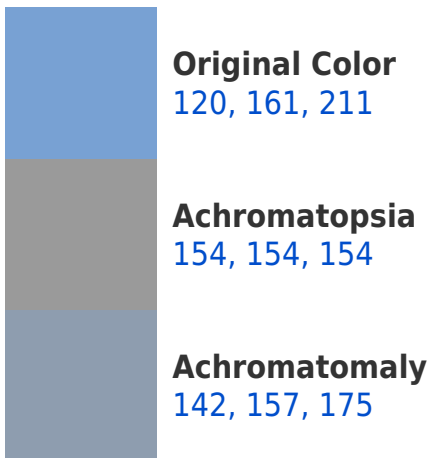


Tritanopia
111, 167, 180

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 161, 211 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, 161, 211)` looks like.

```
.text, #text, p{  
    color:rgb(120, 161, 211)  
}
```

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, 161, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 161, 211) }
```

Border

The CSS property to change the border of an element to RGB 120, 161, 211 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, 161, 211) }
```

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

```
.border{ border-color:rgb(120, 161, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 161, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 161, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 161, 211);  
box-shadow:4px 4px 4px 4px rgb(120, 161,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 120, 161, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 161, 211) }
```

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

```
.background{ background-color: rgb(120,  
161, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor