

Converting Colors

RGB(122, 156, 211)

Have a look what the booklet for
RGB(122, 156, 211) contains.

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Color

RGB(122, 156, 211)

Conversions

Conversions Part 1

Format	Color
Hex	7A9CD3
RGB	122, 156, 211
RGB Percent	48%, 61%, 83%
CMY	0.5216, 0.3882, 0.1725
CMYK	0.42, 0.26, 0.00, 0.17
HSL	217°, 50%, 65%
HSV	217°, 42%, 83%
XYZ	31.6724, 32.6177, 66.2545
YIQ	152.1040, -37.9190, 9.8970

Conversions

Conversions Part 2

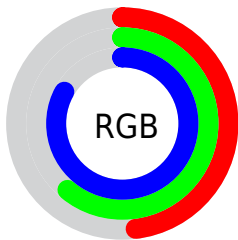
Format	Color
R_{YB}	122, 147, 211
Decimal	8035539
CIE _{Lab}	63.85, 2.46, -31.81
CIE _{LCh}	64, 31.901, 274.428
Yxy	32.6177, 0.2426, 0.2499
Android (android.graphics.Color)	4286225619 (0xFF7A9CD3)
YUV	152.1040, 29.0357, -26.4012
Hunter-Lab	57.1119, -0.9555, -28.8030

Details

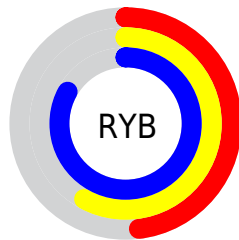
The RGB color **122, 156, 211** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **211, 177, 122**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **177, 210, 255**, and **68, 105, 156** is the 20% darker color. If you saturate the color by 10%, you get **101, 143, 211**, and if you desaturate by 10%, it is **143, 169, 211**.

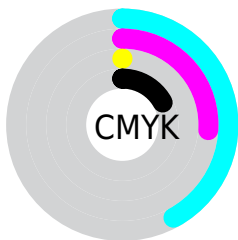
Distribution



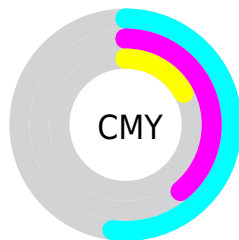
- Red (48%)
- Green (61%)
- Blue (83%)



- Red (48%)
- Yellow (58%)
- Blue (83%)



- Cyan (42%)
- Magenta (26%)
- Yellow (0%)
- Black (17%)




- Cyan (52%)
- Magenta (39%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 156, 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 122, 156, 211 by changing the saturation by 10% instead.


 122, 156, 211


255, 255, 255


 177, 210, 255

 206, 239, 255

 235, 255, 255

 122, 156, 211


 95, 130, 183

 68, 105, 156

 39, 81, 130

 0, 58, 105

 0, 37, 80

 0, 16, 57

 0, 2, 35

 0, 0, 10

 0, 0, 0

■ 122, 156, 211

■ 122, 156, 211

■ 101, 143, 211

■ 143, 169, 211

■ 80, 130, 211

■ 164, 182, 211

■ 59, 117, 211

■ 185, 195, 211

■ 38, 104, 211

■ 206, 208, 211

■ 17, 91, 211

■ 228, 221, 211

■ 0, 81, 211

■ 249, 234, 211

■ 255, 247, 211

■ 255, 255, 211

Harmonies

Analogous

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



77, 164, 205



122, 156, 211



164, 146, 202

Triad

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



122, 156, 211



209, 136, 124



105, 168, 129

Complementary

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



122, 156, 211



211, 177, 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.



139, 163, 107



122, 156, 211



194, 145, 104

Square

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



122, 156, 211



209, 133, 151



170, 154, 98



71, 170, 158

Rectangle

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



122, 156, 211



186, 139, 188



170, 154, 98



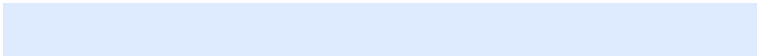
117, 167, 121

Sweetspot

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



122, 156, 211



222, 235, 255



122, 211, 177



107, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



122, 156, 211



125, 175, 255



132, 122, 211



94, 98, 105



0, 64, 168



0, 16, 41

Inverse Universe

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



211, 122, 156



255, 125, 175



201, 211, 122



105, 94, 98



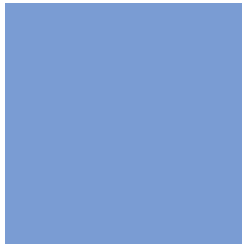
168, 0, 64



41, 0, 16

Previews

White Background



This preview shows how the RGB color 122, 156, 211 looks on a white background.

Color Contrast Check

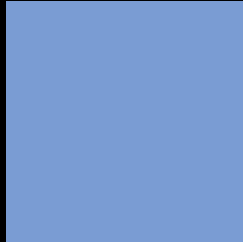
Large Text (above 18pt) WCAG AA × Fail

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 122, 156, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

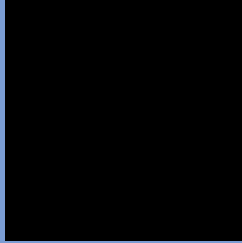
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

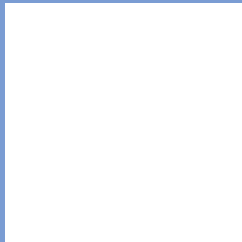
Any Text WCAG AAA ✓ Pass

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

RGB 122, 156, 211 Background



This preview shows how black text looks on a background with the RGB color 122, 156, 211.

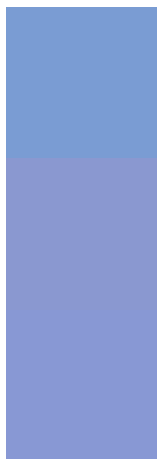


This preview shows how white text looks on a background with the RGB color 122, 156, 211.

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
122, 156, 211

Protanopia
138, 152, 208

Deuteranopia
136, 152, 212



Tritanopia
112, 163, 176

Trichromacy



Original Color
122, 156, 211

Protanomaly
132, 153, 209

Deuteranomaly
131, 153, 212

Tritanomaly
116, 160, 189

Monochromacy



Original Color
122, 156, 211

Achromatopsia
152, 152, 152

Achromatomaly
141, 153, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 156, 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(122, 156, 211)` looks like.

```
.text, #text, p{  
    color:rgb(122, 156, 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(122, 156, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 156, 211) }
```

Border

The CSS property to change the border of an element to RGB 122, 156, 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(122, 156, 211) }
```

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

```
.border{ border-color:rgb(122, 156, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 156, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 156, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 156, 211);  
box-shadow:4px 4px 4px 4px rgb(122, 156,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 122, 156, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 156, 211) }
```

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

```
.background{ background-color: rgb(122,  
156, 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](#).

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