

Converting Colors

RGB(123, 156, 208)

Have a look what the booklet for
RGB(123, 156, 208) contains.

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Color

RGB(123, 156, 208)

Conversions

Conversions Part 1

Format	Color
Hex	7B9CD0
RGB	123, 156, 208
RGB Percent	48%, 61%, 82%
CMY	0.5176, 0.3882, 0.1843
CMYK	0.41, 0.25, 0.00, 0.18
HSL	217°, 47%, 65%
HSV	217°, 41%, 82%
XYZ	31.4420, 32.5420, 64.2986
YIQ	152.0610, -36.3600, 9.1760

Conversions

Conversions Part 2

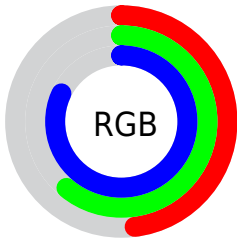
Format	Color
R _Y B	123, 147, 208
Decimal	8101072
CIE Lab	63.79, 1.89, -30.23
CIE LCh	64, 30.287, 273.572
Yxy	32.5420, 0.2451, 0.2537
Android (android.graphics.Color)	4286291152 (0xFF7B9CD0)
YUV	152.0610, 27.5779, -25.4865
Hunter-Lab	57.0456, -1.4452, -26.8965

Details

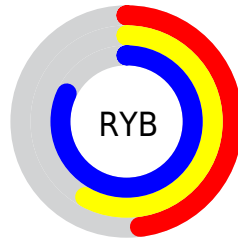
The RGB color **123, 156, 208** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **208, 175, 123**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **178, 210, 255**, and **69, 105, 153** is the 20% darker color. If you saturate the color by 10%, you get **102, 143, 208**, and if you desaturate by 10%, it is **144, 169, 208**.

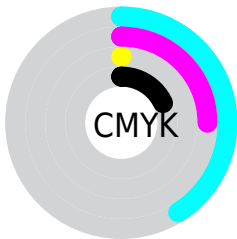
Distribution



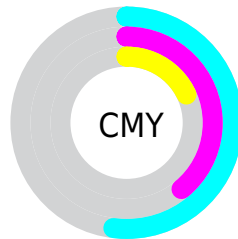
- Red (48%)
- Green (61%)
- Blue (82%)



- Red (48%)
- Yellow (58%)
- Blue (82%)



- Cyan (41%)
- Magenta (25%)
- Yellow (0%)
- Black (18%)



- Cyan (52%)
- Magenta (39%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 156, 208 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 123, 156, 208 by changing the saturation by 10% instead.

 123, 156, 208


255, 255, 255


 178, 210, 255


 207, 239, 255

 236, 255, 255

 123, 156, 208


 96, 130, 180

 69, 105, 153

 41, 81, 127

 3, 58, 102

 0, 37, 78

 0, 16, 55


 0, 2, 33

 0, 0, 6


 0, 0, 0

 123, 156, 208


 123, 156, 208

 102, 143, 208


 144, 169, 208

 81, 131, 208

 165, 181, 208

 61, 118, 208

 185, 194, 208

 40, 105, 208

 206, 207, 208

 19, 92, 208

 227, 220, 208

 0, 81, 208

 248, 232, 208

 255, 245, 208

 255, 255, 208

Harmonies

Analogous

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



83, 164, 202



123, 156, 208



162, 146, 199

Triad

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



123, 156, 208



206, 137, 126



109, 167, 130

Complementary

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



123, 156, 208



208, 175, 123

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.



141, 162, 109



123, 156, 208



193, 145, 107

Square

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



123, 156, 208



207, 134, 152



170, 154, 100



78, 169, 157

Rectangle

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



123, 156, 208



183, 140, 187



170, 154, 100



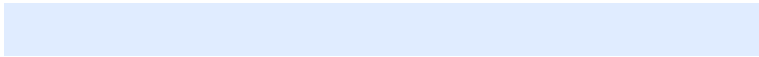
120, 166, 122

Sweetspot

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



123, 156, 208



224, 236, 255



123, 208, 174



110, 117, 128



0, 0, 0



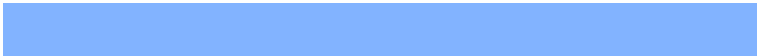
128, 128, 128

Same Dimension

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



123, 156, 208



130, 179, 255



131, 123, 208



94, 98, 105



0, 65, 168



0, 16, 41

Inverse Universe

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



208, 123, 156



255, 130, 179



200, 208, 123



105, 94, 98



168, 0, 65



41, 0, 16

Previews

White Background



This preview shows how the RGB color 123, 156, 208 looks on a white background.

Color Contrast Check

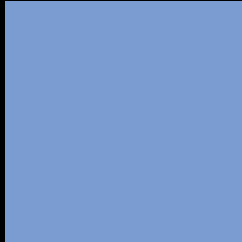
Large Text (above 18pt) WCAG AA × Fail

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 123, 156, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

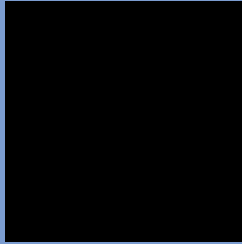
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

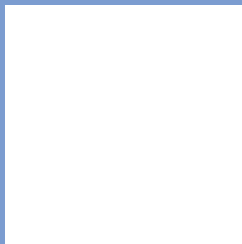
Any Text WCAG AAA ✓ Pass

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

RGB 123, 156, 208 Background



This preview shows how black text looks on a background with the RGB color 123, 156, 208.

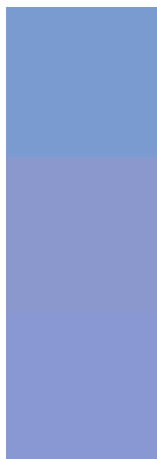


This preview shows how white text looks on a background with the RGB color 123, 156, 208.

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


123, 156, 208

Protanopia

139, 152, 205

Deuteranopia

138, 152, 209



Tritanopia
114, 162, 175

Trichromacy



Original Color
123, 156, 208

Protanomaly
133, 153, 206

Deuteranomaly
133, 153, 209

Tritanomaly
117, 160, 187

Monochromacy



Original Color
123, 156, 208

Achromatopsia
152, 152, 152

Achromatomaly
141, 153, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 156, 208 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(123, 156, 208)` looks like.

```
.text, #text, p{  
    color:rgb(123, 156, 208)  
}
```

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(123, 156, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 156, 208) }
```

Border

The CSS property to change the border of an element to RGB 123, 156, 208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

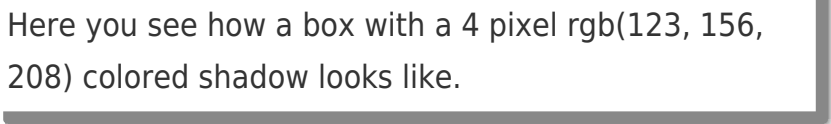
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(123, 156, 208) }
```

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

```
.border{ border-color:rgb(123, 156, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(123, 156, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 156, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 156, 208);  
box-shadow:4px 4px 4px 4px rgb(123, 156,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 123, 156, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 156, 208) }
```

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

```
.background{ background-color: rgb(123,  
156, 208) }
```

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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