

Converting Colors

RGB(123, 153, 209)

Have a look what the booklet for
RGB(123, 153, 209) contains.

RGB(123, 153, 209)	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(123, 153, 209)

Conversions

Conversions Part 1

Format	Color
Hex	7B99D1
RGB	123, 153, 209
RGB Percent	48%, 60%, 82%
CMY	0.5176, 0.4000, 0.1804
CMYK	0.41, 0.27, 0.00, 0.18
HSL	219°, 48%, 65%
HSV	219°, 41%, 82%
XYZ	31.0682, 31.5969, 64.7829
YIQ	150.4140, -35.8560, 11.0560

Conversions

Conversions Part 2

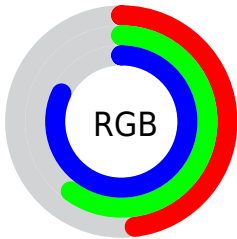
Format	Color
R _Y B	123, 145, 209
Decimal	8100305
CIE Lab	63.01, 3.87, -31.99
CIE LCh	63, 32.227, 276.903
Yxy	31.5969, 0.2438, 0.2479
Android (android.graphics.Color)	4286290385 (0xFF7B99D1)
YUV	150.4140, 28.8829, -24.0421
Hunter-Lab	56.2111, 0.2887, -28.9836

Details

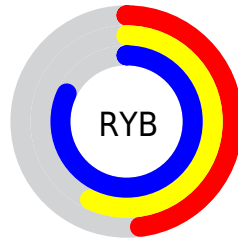
The RGB color **123, 153, 209** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **209, 179, 123**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **178, 207, 255**, and **69, 102, 154** is the 20% darker color. If you saturate the color by 10%, you get **102, 139, 209**, and if you desaturate by 10%, it is **144, 167, 209**.

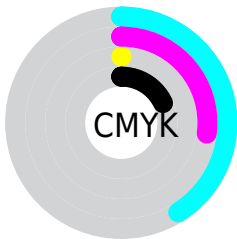
Distribution



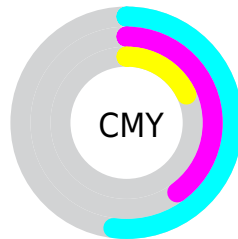
- Red (48%)
- Green (60%)
- Blue (82%)



- Red (48%)
- Yellow (57%)
- Blue (82%)



- Cyan (41%)
- Magenta (27%)
- Yellow (0%)
- Black (18%)



- Cyan (52%)
- Magenta (40%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 153, 209 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, 153, 209 by changing the saturation by 10% instead.


 123, 153, 209


255, 255, 255

 178, 207, 255

 207, 235, 255

 236, 255, 255

 123, 153, 209


 96, 127, 181

 69, 102, 154

 41, 78, 128

 2, 56, 103

 0, 35, 78

 0, 12, 55

 0, 2, 33

 0, 0, 7


 0, 0, 0


 123, 153, 209


 123, 153, 209

 102, 139, 209

 144, 167, 209

 81, 126, 209


 165, 180, 209

 60, 112, 209

 186, 194, 209

 39, 99, 209

 207, 207, 209

 18, 85, 209

 228, 221, 209

 0, 73, 209

 248, 235, 209

 255, 248, 209

 255, 255, 209

Harmonies

Analogous

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



77, 161, 204



123, 153, 209



165, 143, 198

Triad

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



123, 153, 209



206, 134, 119



100, 166, 129

Complementary

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



123, 153, 209



209, 179, 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.



134, 161, 106



123, 153, 209



190, 143, 100

Square

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



123, 153, 209



208, 130, 147



165, 153, 95



64, 168, 158

Rectangle

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



123, 153, 209



186, 136, 184



165, 153, 95



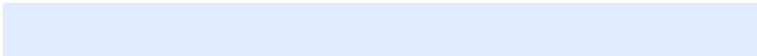
112, 165, 120

Sweetspot

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



123, 153, 209



224, 235, 255



123, 209, 179



110, 116, 128



0, 0, 0



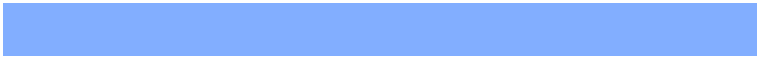
128, 128, 128

Same Dimension

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



123, 153, 209



130, 174, 255



136, 123, 209



94, 98, 105



0, 59, 168



0, 14, 41

Inverse Universe

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



209, 123, 153



255, 130, 174



196, 209, 123



105, 94, 98



168, 0, 59



41, 0, 14

Previews

White Background



This preview shows how the RGB color 123, 153, 209 looks on a white background.

Color Contrast Check

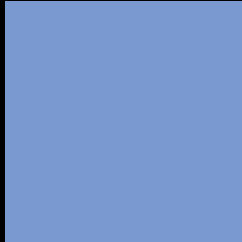
Large Text (above 18pt) WCAG AA × Fail

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, 153, 209 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

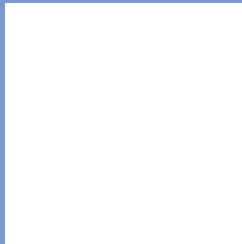
Any Text WCAG AAA ✓ Pass

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

RGB 123, 153, 209 Background



This preview shows how black text looks on a background with the RGB color 123, 153, 209.



This preview shows how white text looks on a background with the RGB color 123, 153, 209.

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, 153, 209

Protanopia

136, 150, 207

Deuteranopia

134, 150, 210



Tritanopia
113, 160, 173

Trichromacy



Original Color
123, 153, 209

Protanomaly
131, 151, 208

Deuteranomaly
130, 151, 210

Tritanomaly
117, 157, 186

Monochromacy



Original Color
123, 153, 209

Achromatopsia
150, 150, 150

Achromatomaly
140, 151, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 153, 209 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, 153, 209)` looks like.

```
.text, #text, p{  
    color:rgb(123, 153, 209)  
}
```

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, 153, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 153, 209) }
```

Border

The CSS property to change the border of an element to RGB 123, 153, 209 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, 153, 209) }
```

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

```
.border{ border-color:rgb(123, 153, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 153, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 153, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 153, 209);  
box-shadow:4px 4px 4px 4px rgb(123, 153,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 123, 153, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 153, 209) }
```

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

```
.background{ background-color: rgb(123,  
153, 209) }
```

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