

Converting Colors

RGB(98, 149, 207)

Have a look what the booklet for
RGB(98, 149, 207) contains.

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Color

RGB(98, 149, 207)

Conversions

Conversions Part 1	
Format	Color
Hex	6295CF
RGB	98, 149, 207
RGB Percent	38%, 58%, 81%
CMY	0.6157, 0.4157, 0.1882
CMYK	0.53, 0.28, 0.00, 0.19
HSL	212°, 53%, 60%
HSV	212°, 53%, 81%
XYZ	27.0469, 28.5966, 63.1256
YIQ	140.3630, -49.0140, 7.2260

Conversions

Conversions Part 2

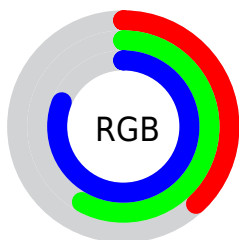
Format	Color
RYB	98, 133, 207
Decimal	6460879
CIELab	60.42, -0.54, -35.00
CIELCh	60, 35.006, 269.118
Yxy	28.5966, 0.2277, 0.2408
Android (android.graphics.Color)	4284650959 (0xFF6295CF)
YUV	140.3630, 32.8520, -37.1524
Hunter-Lab	53.4757, -3.3009, -32.5561

Details

The RGB color **98, 149, 207** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **207, 156, 98**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **155, 203, 255**, and **37, 99, 152** is the 20% darker color. If you saturate the color by 10%, you get **77, 138, 207**, and if you desaturate by 10%, it is **119, 160, 207**.

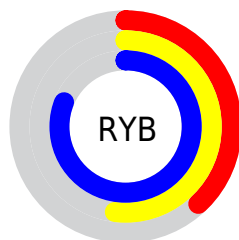
Distribution



Red (38%)

Green (58%)

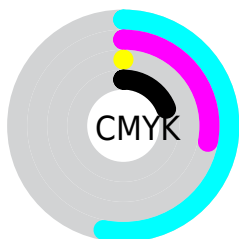
Blue (81%)



Red (38%)

Yellow (52%)

Blue (81%)

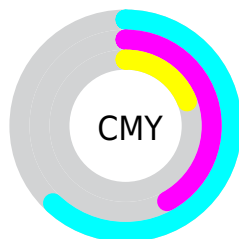


Cyan (53%)

Magenta (28%)

Yellow (0%)

Black (19%)



Cyan (62%)

















Magenta (42%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the RGB color 98, 149, 207 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 98, 149, 207 by changing the saturation by 10% instead.


 98, 149, 207	 98, 149, 207
 255, 255, 255	 69, 123, 179
 155, 203, 255	 37, 99, 152
 183, 231, 255	 0, 75, 126
 212, 255, 255	 0, 53, 101
 242, 255, 255	 0, 32, 77
	 0, 7, 54
	 0, 2, 32
	 0, 0, 3
	 0, 0, 0

 98, 149, 207


 98, 149, 207


 77, 138, 207


 119, 160, 207


 57, 127, 207

 139, 171, 207

 36, 116, 207

 160, 182, 207

 15, 105, 207

 181, 193, 207

 0, 97, 207

 202, 204, 207

 222, 215, 207

 243, 226, 207

 255, 237, 207

 255, 248, 207

Harmonies

Analogous

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



36, 157, 198



98, 149, 207



148, 138, 200

Triad

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



98, 149, 207



205, 124, 117



98, 159, 113

Complementary

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



98, 149, 207



207, 156, 98

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.



135, 153, 91



98, 149, 207



191, 133, 94

Square

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



98, 149, 207



203, 122, 148



167, 144, 83



53, 162, 144

Rectangle

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



98, 149, 207



173, 131, 186



167, 144, 83



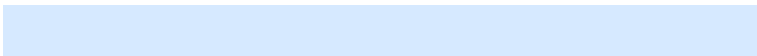
111, 157, 104

Sweetspot

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



98, 149, 207



214, 233, 255



98, 207, 154



103, 115, 128



0, 0, 0



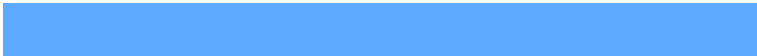
128, 128, 128

Same Dimension

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



98, 149, 207



94, 170, 255



100, 98, 207



94, 99, 105



0, 79, 168



0, 19, 41

Inverse Universe

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



207, 98, 149



255, 94, 170



205, 207, 98



105, 94, 99



168, 0, 79



41, 0, 19

Previews

White Background



This preview shows how the RGB color 98, 149, 207 looks on a white background.

Color Contrast Check

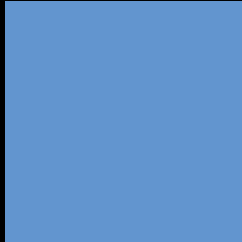
Large Text (above 18pt) WCAG AA ✓ Pass

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 98, 149, 207 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 × Fail

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

RGB 98, 149, 207 Background



This preview shows how black text looks on a background with the RGB color 98, 149, 207.

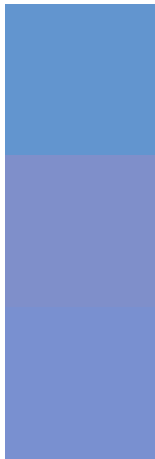


This preview shows how white text looks on a background with the RGB color 98, 149, 207.

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

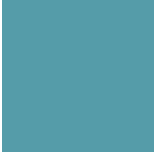
98, 149, 207

Protanopia

127, 143, 202

Deuteranopia

121, 144, 208



Tritanopia

85, 156, 169

Trichromacy



Original Color

98, 149, 207

Protanomaly

116, 145, 204

Deuteranomaly

113, 146, 208

Tritanomaly

90, 153, 183

Monochromacy



Original Color

98, 149, 207

Achromatopsia

140, 140, 140

Achromatomaly

125, 143, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 98, 149, 207 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(98, 149, 207) looks like.

```
.text, #text, p{  
    color:rgb(98, 149, 207)  
}
```

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(98, 149, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 149, 207) }
```

Border

The CSS property to change the border of an element to RGB 98, 149, 207 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(98, 149, 207) }
```

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

```
.border{ border-color:rgb(98, 149, 207) }
```

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

Here you see how a box with a 4 pixel rgb(98, 149, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 149, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 149, 207);  
box-shadow:4px 4px 4px 4px rgb(98, 149,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 98, 149, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 149, 207) }
```

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

```
.background{ background-color: rgb(98, 149,  
207) }
```

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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