

Converting Colors

RGB(93, 141, 205)

Have a look what the booklet for
RGB(93, 141, 205) contains.

RGB(93, 141, 205)	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(93, 141, 205)

Conversions

Conversions Part 1

Format	Color
Hex	5D8DCD
RGB	93, 141, 205
RGB Percent	36%, 55%, 80%
CMY	0.6353, 0.4471, 0.1961
CMYK	0.55, 0.31, 0.00, 0.20
HSL	214°, 53%, 58%
HSV	214°, 55%, 80%
XYZ	25.0585, 25.7847, 61.4138
YIQ	133.9440, -49.1520, 9.7280

Conversions

Conversions Part 2

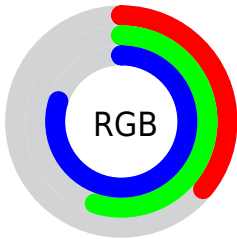
Format	Color
R _{YB}	93, 127, 205
Decimal	6131149
CIE Lab	57.83, 2.37, -37.95
CIE LCh	58, 38.023, 273.569
Yxy	25.7847, 0.2232, 0.2297
Android (android.graphics.Color)	4284321229 (0xFF5D8DCD)
YUV	133.9440, 35.0306, -35.9079
Hunter-Lab	50.7786, -0.7754, -36.1628

Details

The RGB color **93, 141, 205** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **205, 157, 93**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **150, 194, 255**, and **29, 91, 150** is the 20% darker color. If you saturate the color by 10%, you get **73, 129, 205**, and if you desaturate by 10%, it is **114, 153, 205**.

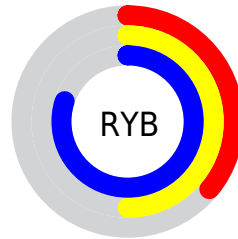
Distribution



Red (36%)

Green (55%)

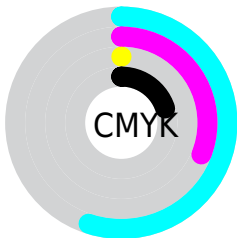
Blue (80%)



Red (36%)

Yellow (50%)

Blue (80%)

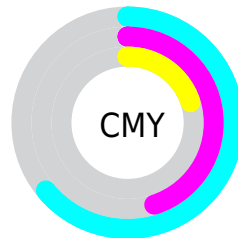


Cyan (55%)

Magenta (31%)

Yellow (0%)

Black (20%)



Cyan (64%)
















Magenta (45%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 93, 141, 205 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 93, 141, 205 by changing the saturation by 10% instead.

 93, 141, 205	 93, 141, 205
 255, 255, 255	 63, 116, 177
 150, 194, 255	 29, 91, 150
 179, 222, 255	 0, 68, 124
 208, 251, 255	 0, 46, 99
 237, 255, 255	 0, 26, 75
	 0, 4, 52
	 0, 2, 30
	 0, 0, 0

 93, 141, 205  93, 141, 205

■ 73, 129, 205

■ 114, 153, 205

■ 52, 118, 205

■ 134, 164, 205

■ 31, 106, 205

■ 155, 176, 205

■ 11, 94, 205

■ 175, 188, 205

■ 0, 88, 205

■ 195, 200, 205

■ 216, 211, 205

■ 236, 223, 205

■ 255, 235, 205

■ 255, 246, 205

Harmonies

Analogous

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



0, 150, 198



93, 141, 205



147, 129, 194

Triad

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



93, 141, 205



200, 116, 104



79, 154, 108

Complementary

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



93, 141, 205



205, 157, 93

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.



121, 148, 82



93, 141, 205



183, 127, 80

Square

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



93, 141, 205



201, 112, 136



156, 138, 71



0, 156, 142

Rectangle

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



93, 141, 205



174, 121, 179



156, 138, 71



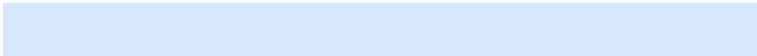
94, 152, 98

Sweetspot

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



93, 141, 205



214, 232, 255



93, 205, 156



103, 114, 128



0, 0, 0



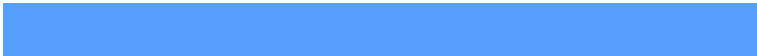
128, 128, 128

Same Dimension

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



93, 141, 205



87, 159, 255



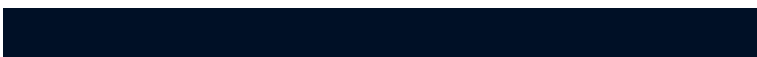
100, 93, 205



92, 96, 102



0, 71, 166



0, 16, 38

Inverse Universe

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



205, 93, 141



255, 87, 159



198, 205, 93



102, 92, 96



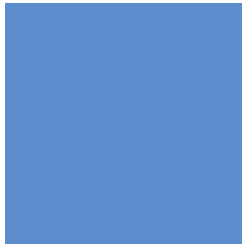
166, 0, 71



38, 0, 16

Previews

White Background



This preview shows how the RGB color 93, 141, 205 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 93, 141, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

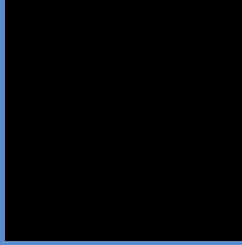
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

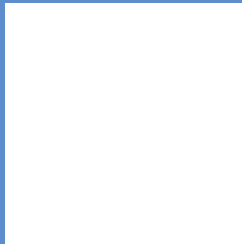
Any Text WCAG AAA × Fail

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

RGB 93, 141, 205 Background



This preview shows how black text looks on a background with the RGB color 93, 141, 205.

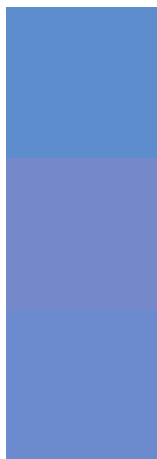


This preview shows how white text looks on a background with the RGB color 93, 141, 205.

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

93, 141, 205

Protanopia

117, 136, 201

Deuteranopia

108, 138, 206



Tritanopia
77, 149, 162

Trichromacy



Original Color
93, 141, 205

Protanomaly
108, 138, 202

Deuteranomaly
103, 139, 206

Tritanomaly
83, 146, 178

Monochromacy



Original Color
93, 141, 205

Achromatopsia
134, 134, 134

Achromatomaly
119, 137, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 93, 141, 205 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(93, 141, 205)` looks like.

```
.text, #text, p{  
    color:rgb(93, 141, 205)  
}
```

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(93, 141, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 141, 205) }
```

Border

The CSS property to change the border of an element to RGB 93, 141, 205 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(93, 141, 205) }
```

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

```
.border{ border-color:rgb(93, 141, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 141, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 141, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 141, 205);  
box-shadow:4px 4px 4px 4px rgb(93, 141,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 93, 141, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 141, 205) }
```

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

```
.background{ background-color: rgb(93, 141,  
205) }
```

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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