

Converting Colors

RGB(92, 158, 228)

Have a look what the booklet for
RGB(92, 158, 228) contains.

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Color

RGB(92, 158, 228)

Conversions

Conversions Part 1

Format	Color
Hex	5C9EE4
RGB	92, 158, 228
RGB Percent	36%, 62%, 89%
CMY	0.6392, 0.3804, 0.1059
CMYK	0.60, 0.31, 0.00, 0.11
HSL	211°, 72%, 63%
HSV	211°, 60%, 89%
XYZ	30.6441, 32.3305, 78.0241
YIQ	146.2460, -61.8060, 7.7780

Conversions

Conversions Part 2

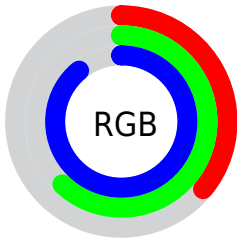
Format	Color
R _Y B	92, 136, 228
Decimal	6069988
CIE Lab	63.62, -0.32, -41.71
CIE LCh	64, 41.706, 269.565
Yxy	32.3305, 0.2173, 0.2293
Android (android.graphics.Color)	4284260068 (0xFF5C9EE4)
YUV	146.2460, 40.3047, -47.5737
Hunter-Lab	56.8599, -3.3040, -41.5568

Details

The RGB color **92, 158, 228** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **228, 162, 92**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **152, 212, 255**, and **10, 107, 172** is the 20% darker color. If you saturate the color by 10%, you get **69, 146, 228**, and if you desaturate by 10%, it is **115, 170, 228**.

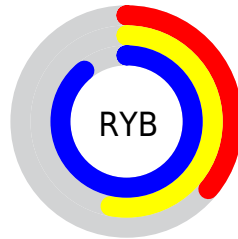
Distribution



Red (36%)

Green (62%)

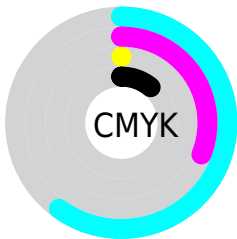
Blue (89%)



Red (36%)

Yellow (53%)

Blue (89%)

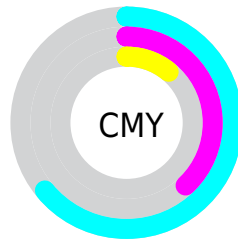


Cyan (60%)

Magenta (31%)

Yellow (0%)

Black (11%)



Cyan (64%)


Magenta (38%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 92, 158, 228 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 92, 158, 228 by changing the saturation by 10% instead.

 92, 158, 228


255, 255, 255


 152, 212, 255

 181, 241, 255

 211, 255, 255

 241, 255, 255


 92, 158, 228

 59, 132, 200

 10, 107, 172

 0, 83, 145

 0, 60, 119

 0, 39, 94

 0, 19, 70

 0, 4, 47

 0, 1, 25

 0, 0, 0

■ 92, 158, 228

■ 92, 158, 228

■ 69, 146, 228

■ 115, 170, 228

■ 46, 135, 228

■ 138, 181, 228

■ 24, 123, 228

■ 160, 193, 228

■ 1, 111, 228

■ 183, 205, 228

■ 0, 111, 228

■ 206, 217, 228

■ 229, 228, 228

■ 252, 240, 228

■ 255, 252, 228

■ 255, 255, 228

Harmonies

Analogous

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



0, 168, 217



92, 158, 228



156, 145, 219

Triad

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



92, 158, 228



223, 127, 119



94, 170, 115

Complementary

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



92, 158, 228



228, 162, 92

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.



140, 163, 88



92, 158, 228



207, 138, 91

Square

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



92, 158, 228



222, 124, 156



177, 152, 78



12, 173, 152

Rectangle

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



92, 158, 228



188, 135, 203



177, 152, 78



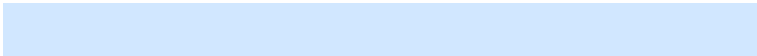
110, 168, 104

Sweetspot

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



92, 158, 228



209, 231, 255



92, 228, 160



99, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



92, 158, 228



71, 161, 255



92, 92, 228



103, 109, 115



0, 87, 179



0, 25, 51

Inverse Universe

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



228, 92, 158



255, 71, 161



228, 228, 92



115, 103, 109



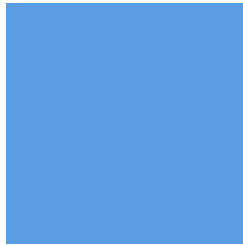
179, 0, 87



51, 0, 25

Previews

White Background



This preview shows how the RGB color 92, 158, 228 looks on a white background.

Color Contrast Check

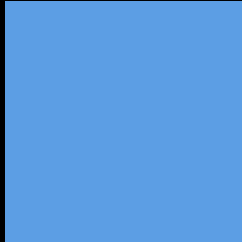
Large Text (above 18pt) WCAG AA × Fail

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 92, 158, 228 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

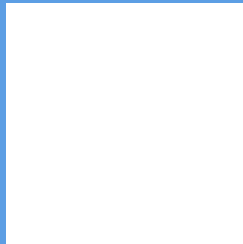
Any Text WCAG AAA ✓ Pass

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

RGB 92, 158, 228 Background



This preview shows how black text looks on a background with the RGB color 92, 158, 228.

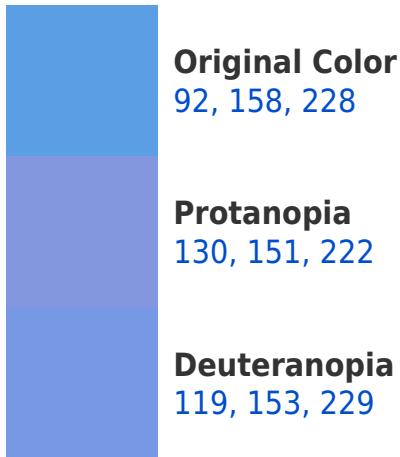


This preview shows how white text looks on a background with the RGB color 92, 158, 228.

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





Tritanopia
71, 167, 181

Trichromacy



Original Color
92, 158, 228

Protanomaly
116, 154, 224

Deuteranomaly
109, 155, 229

Tritanomaly
79, 164, 198

Monochromacy



Original Color
92, 158, 228

Achromatopsia
146, 146, 146

Achromatomaly
126, 150, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 92, 158, 228 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(92, 158, 228)` looks like.

```
.text, #text, p{  
    color:rgb(92, 158, 228)  
}
```

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(92, 158, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 158, 228) }
```

Border

The CSS property to change the border of an element to RGB 92, 158, 228 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(92, 158, 228) }
```

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

```
.border{ border-color:rgb(92, 158, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 158, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 158, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 158, 228);  
box-shadow:4px 4px 4px 4px rgb(92, 158,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 92, 158, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 158, 228) }
```

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

```
.background{ background-color: rgb(92, 158,  
228) }
```

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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