

Converting Colors

RGB(56, 147, 199)

Have a look what the booklet for
RGB(56, 147, 199) contains.

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Color

RGB(56, 147, 199)

Conversions

Conversions Part 1

Format	Color
Hex	3893C7
RGB	56, 147, 199
RGB Percent	22%, 58%, 78%
CMY	0.7804, 0.4235, 0.2196
CMYK	0.72, 0.26, 0.00, 0.22
HSL	202°, 56%, 50%
HSV	202°, 72%, 78%
XYZ	22.3734, 25.8317, 57.8396
YIQ	125.7190, -70.9280, -3.1200

Conversions

Conversions Part 2

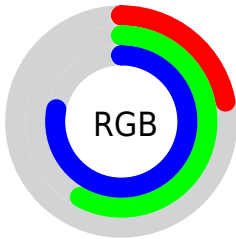
Format	Color
RYB	56, 112, 199
Decimal	3707847
CIELab	57.88, -9.71, -34.60
CIELCh	58, 35.940, 254.320
Yxy	25.8317, 0.2110, 0.2436
Android (android.graphics.Color)	4281897927 (0xFF3893C7)
YUV	125.7190, 36.1275, -61.1436
Hunter-Lab	50.8249, -10.3669, -31.8956

Details

The RGB color **56, 147, 199** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **199, 108, 56**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **120, 201, 255**, and **0, 97, 145** is the 20% darker color. If you saturate the color by 10%, you get **36, 140, 199**, and if you desaturate by 10%, it is **76, 154, 199**.

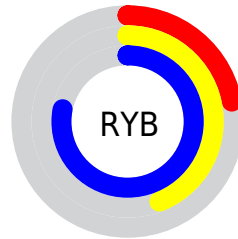
Distribution



Red (22%)

Green (58%)

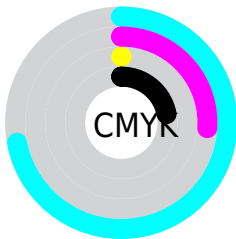
Blue (78%)



Red (22%)

Yellow (44%)

Blue (78%)

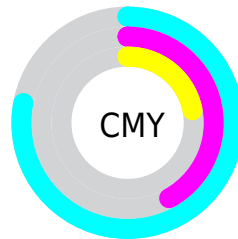


Cyan (72%)

Magenta (26%)

Yellow (0%)

Black (22%)



Cyan (78%)



















Magenta (42%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 56, 147, 199 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 56, 147, 199 by changing the saturation by 10% instead.

 56, 147, 199	 56, 147, 199
 255, 255, 255	 0, 121, 172
 120, 201, 255	 0, 97, 145
 150, 229, 255	 0, 73, 119
 180, 255, 255	 0, 51, 94
 209, 255, 255	 0, 30, 70
 240, 255, 255	 0, 4, 47
	 0, 1, 26
	 0, 0, 0
 56, 147, 199	 56, 147, 199

■ 36, 140, 199

■ 76, 154, 199

■ 16, 133, 199

■ 96, 161, 199

■ 0, 127, 199

■ 116, 169, 199

■ 136, 176, 199

■ 156, 183, 199

■ 175, 190, 199

■ 195, 198, 199

■ 215, 205, 199

■ 235, 212, 199

Harmonies

Analogous

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



0, 153, 182



56, 147, 199



117, 137, 200

Triad

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



56, 147, 199



200, 114, 125



109, 150, 93

Complementary

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



56, 147, 199



199, 108, 56

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.



144, 142, 77



56, 147, 199



193, 121, 97

Square

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



56, 147, 199



190, 116, 157



173, 131, 78



67, 154, 121

Rectangle

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



56, 147, 199



148, 129, 191



173, 131, 78



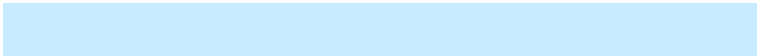
121, 148, 86

Sweetspot

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



56, 147, 199



199, 235, 255



56, 199, 106



94, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



56, 147, 199



36, 175, 255



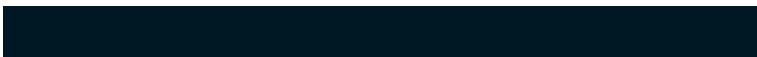
56, 77, 199



90, 96, 99



0, 104, 163



0, 23, 36

Inverse Universe

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



199, 56, 147



255, 36, 175



199, 178, 56



99, 90, 96



163, 0, 104



36, 0, 23

Previews

White Background



This preview shows how the RGB color 56, 147, 199 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 56, 147, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

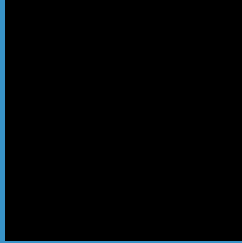
Any Text WCAG AA ✓ Pass

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 56, 147, 199 Background



This preview shows how black text looks on a background with the RGB color 56, 147, 199.

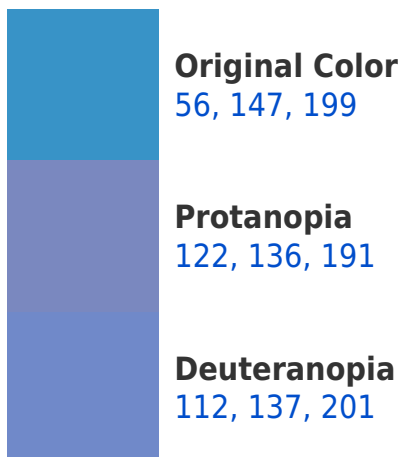


This preview shows how white text looks on a background with the RGB color 56, 147, 199.

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
28, 153, 166

Trichromacy



Original Color
56, 147, 199

Protanomaly
98, 140, 194

Deuteranomaly
92, 141, 200

Tritanomaly
38, 151, 178

Monochromacy



Original Color
56, 147, 199

Achromatopsia
126, 126, 126

Achromatomaly
101, 134, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 56, 147, 199 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(56, 147, 199)` looks like.

```
.text, #text, p{  
    color:rgb(56, 147, 199)  
}
```

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(56, 147, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 147, 199) }
```

Border

The CSS property to change the border of an element to RGB 56, 147, 199 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(56, 147, 199) }
```

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

```
.border{ border-color:rgb(56, 147, 199) }
```

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

Here you see how a box with a 4 pixel rgb(56, 147, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 147, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 147, 199);  
box-shadow:4px 4px 4px 4px rgb(56, 147,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 56, 147, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 147, 199) }
```

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

```
.background{ background-color: rgb(56, 147,  
199) }
```

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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