

Converting Colors

RGB(58, 172, 201)

Have a look what the booklet for
RGB(58, 172, 201) contains.

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Color

RGB(58, 172, 201)

Conversions

Conversions Part 1	
Format	Color
Hex	3AACC9
RGB	58, 172, 201
RGB Percent	23%, 67%, 79%
CMY	0.7725, 0.3255, 0.2118
CMYK	0.71, 0.14, 0.00, 0.21
HSL	192°, 57%, 51%
HSV	192°, 71%, 79%
XYZ	27.0401, 34.6216, 60.5158
YIQ	141.2200, -77.2530, -15.1490

Conversions

Conversions Part 2

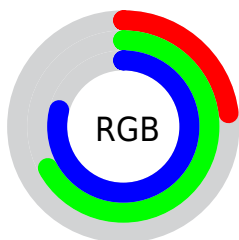
Format	Color
RYB	58, 121, 201
Decimal	3845321
CIELab	65.45, -22.24, -24.00
CIELCh	65, 32.724, 227.175
Yxy	34.6216, 0.2213, 0.2834
Android (android.graphics.Color)	4282035401 (0xFF3AACC9)
YUV	141.2200, 29.4715, -72.9839
Hunter-Lab	58.8402, -20.9404, -19.7904

Details

The RGB color **58, 172, 201** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **201, 87, 58**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **123, 228, 255**, and **0, 119, 147** is the 20% darker color. If you saturate the color by 10%, you get **38, 168, 201**, and if you desaturate by 10%, it is **78, 176, 201**.

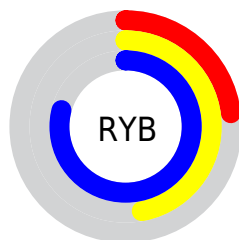
Distribution



Red (23%)

Green (67%)

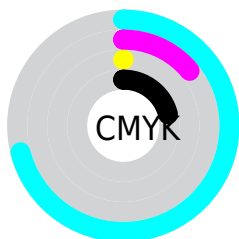
Blue (79%)



Red (23%)

Yellow (47%)

Blue (79%)

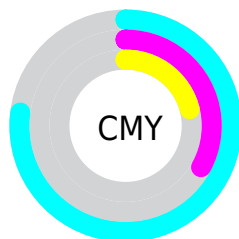


Cyan (71%)

Magenta (14%)

Yellow (0%)

Black (21%)



Cyan (77%)


Magenta (33%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 58, 172, 201 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 58, 172, 201 by changing the saturation by 10% instead.

 58, 172, 201

255, 255, 255


 123, 228, 255

 154, 255, 255

 183, 255, 255

 214, 255, 255

 244, 255, 255

 58, 172, 201

 0, 145, 174

 0, 119, 147

 0, 95, 121


 0, 71, 96

 0, 48, 72


 0, 29, 50

 0, 2, 29


 0, 0, 0


 58, 172, 201

 58, 172, 201


 38, 168, 201


 78, 176, 201


 18, 164, 201

 98, 180, 201

 0, 160, 201

 118, 184, 201

 138, 188, 201

 159, 192, 201

 179, 196, 201

 199, 201, 201

 219, 205, 201

 239, 209, 201

Harmonies

Analogous

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



59, 175, 175



58, 172, 201



98, 166, 215

Triad

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



58, 172, 201



208, 138, 173



162, 162, 102

Complementary

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



58, 172, 201



201, 87, 58

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.



190, 153, 102



58, 172, 201



217, 137, 143

Square

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



58, 172, 201



183, 145, 199



210, 143, 117



129, 170, 118

Rectangle

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



58, 172, 201



129, 159, 217



210, 143, 117



172, 159, 100

Sweetspot

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



58, 172, 201



201, 244, 255



58, 201, 87



96, 121, 128



0, 0, 0



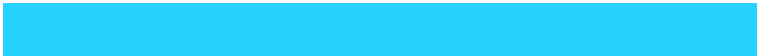
128, 128, 128

Same Dimension

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



58, 172, 201



38, 211, 255



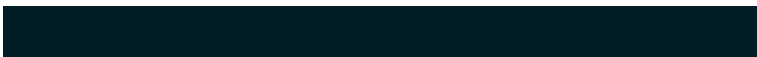
58, 101, 201



90, 97, 99



0, 130, 163



0, 28, 36

Inverse Universe

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



201, 58, 172



255, 38, 211



201, 158, 58



99, 90, 97



163, 0, 130



36, 0, 28

Previews

White Background



This preview shows how the RGB color 58, 172, 201 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 58, 172, 201 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 58, 172, 201 Background



This preview shows how black text looks on a background with the RGB color 58, 172, 201.

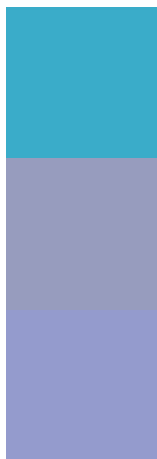


This preview shows how white text looks on a background with the RGB color 58, 172, 201.

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

58, 172, 201

Protanopia

151, 156, 190

Deuteranopia


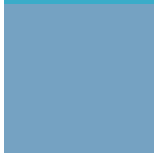
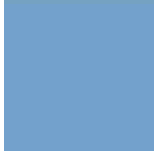

148, 155, 205






Tritanopia

49, 174, 188

Trichromacy

	Original Color 58, 172, 201
	Protanomaly 117, 162, 194
	Deuteranomaly 115, 161, 204
	Tritanomaly 52, 173, 193

Monochromacy

	Original Color 58, 172, 201
	Achromatopsia 141, 141, 141
	Achromatomaly 111, 152, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 58, 172, 201 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(58, 172, 201) looks like.

```
.text, #text, p{  
    color:rgb(58, 172, 201)  
}
```

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(58, 172, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 172, 201) }
```

Border

The CSS property to change the border of an element to RGB 58, 172, 201 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(58, 172, 201) }
```

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

```
.border{ border-color:rgb(58, 172, 201) }
```

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

Here you see how a box with a 4 pixel rgb(58, 172, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 172, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 172, 201);  
box-shadow:4px 4px 4px 4px rgb(58, 172,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 58, 172, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(58, 172, 201) }
```

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

```
.background{ background-color:rgb(58, 172,  
201) }
```

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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