

Converting Colors

RGB(56, 185, 202)

Have a look what the booklet for
RGB(56, 185, 202) contains.

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Color

RGB(56, 185, 202)

Conversions

Conversions Part 1

Format	Color
Hex	38B9CA
RGB	56, 185, 202
RGB Percent	22%, 73%, 79%
CMY	0.7804, 0.2745, 0.2078
CMYK	0.72, 0.08, 0.00, 0.21
HSL	187°, 58%, 51%
HSV	187°, 72%, 79%
XYZ	29.6405, 39.8029, 61.9976
YIQ	148.3670, -82.3410, -22.0610

Conversions

Conversions Part 2

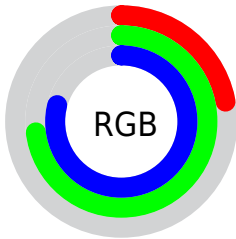
Format	Color
RYB	56, 124, 202
Decimal	3717578
CIELab	69.33, -28.73, -18.65
CIELCh	69, 34.252, 212.989
Yxy	39.8029, 0.2255, 0.3028
Android (android.graphics.Color)	4281907658 (0xFF38B9CA)
YUV	148.3670, 26.4411, -81.0059
Hunter-Lab	63.0896, -26.5445, -14.1011

Details

The RGB color **56, 185, 202** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **202, 73, 56**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **123, 241, 255**, and **0, 131, 148** is the 20% darker color. If you saturate the color by 10%, you get **36, 183, 202**, and if you desaturate by 10%, it is **76, 187, 202**.

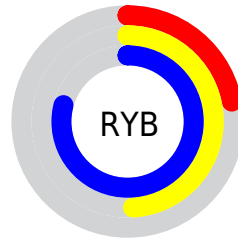
Distribution



Red (22%)

Green (73%)

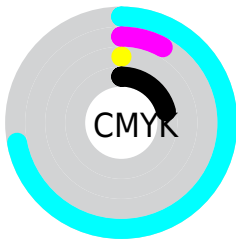
Blue (79%)



Red (22%)

Yellow (49%)

Blue (79%)

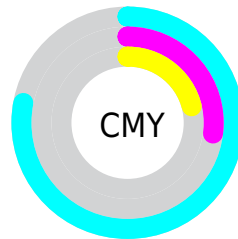


Cyan (72%)

Magenta (8%)

Yellow (0%)

Black (21%)



Cyan (78%)


















Magenta (27%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 56, 185, 202 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, 185, 202 by changing the saturation by 10% instead.

 56, 185, 202	 56, 185, 202
 255, 255, 255	 0, 158, 175
 123, 241, 255	 0, 131, 148
 154, 255, 255	 0, 106, 122
 184, 255, 255	 0, 81, 97
 215, 255, 255	 0, 58, 73
 245, 255, 255	 0, 37, 51
	 0, 2, 30
	 0, 0, 1
	 0, 0, 0

■ 56, 185, 202

■ 56, 185, 202

■ 36, 183, 202

■ 76, 187, 202

■ 16, 180, 202

■ 96, 190, 202

■ 0, 178, 202

■ 117, 192, 202

■ 137, 194, 202

■ 157, 197, 202

■ 177, 199, 202

■ 197, 201, 202

■ 218, 204, 202

■ 238, 206, 202

Harmonies

Analogous

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



79, 186, 171



56, 185, 202



82, 180, 224

Triad

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



56, 185, 202



211, 150, 198



187, 168, 107

Complementary

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



56, 185, 202



202, 73, 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.



213, 158, 115



56, 185, 202



229, 146, 167

Square

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



56, 185, 202



177, 160, 221



229, 149, 137



154, 178, 116

Rectangle

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



56, 185, 202



114, 175, 230



229, 149, 137



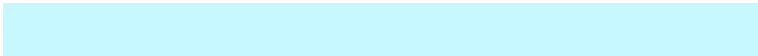
197, 165, 108

Sweetspot

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



56, 185, 202



199, 248, 255



56, 202, 71



94, 124, 128



0, 0, 0



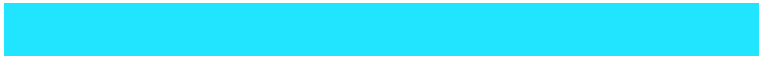
128, 128, 128

Same Dimension

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



56, 185, 202



33, 229, 255



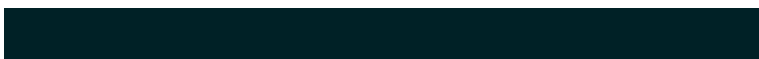
56, 114, 202



92, 101, 102



0, 146, 166



0, 34, 38

Inverse Universe

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



202, 56, 185



255, 33, 229



202, 144, 56



102, 92, 101



166, 0, 146



38, 0, 34

Previews

White Background



This preview shows how the RGB color 56, 185, 202 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 56, 185, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

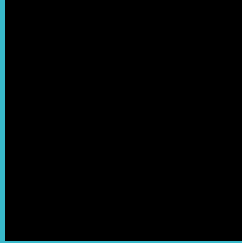
Any Text WCAG AA ✓ Pass

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 56, 185, 202 Background



This preview shows how black text looks on a background with the RGB color 56, 185, 202.



This preview shows how white text looks on a background with the RGB color 56, 185, 202.

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](#).

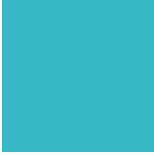
Dichromacy



Original Color
56, 185, 202

Protanopia
164, 167, 190

Deuteranopia
165, 165, 207



Tritanopia
55, 185, 200

Trichromacy



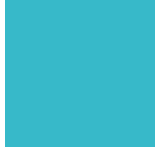
Original Color
56, 185, 202



Protanomaly
125, 174, 194



Deuteranomaly
125, 172, 205



Tritanomaly
55, 185, 201

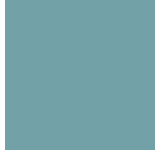
Monochromacy



Original Color
56, 185, 202



Achromatopsia
148, 148, 148



Achromatomaly
115, 161, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 56, 185, 202 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, 185, 202)` looks like.

```
.text, #text, p{  
    color:rgb(56, 185, 202)  
}
```

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, 185, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 185, 202) }
```

Border

The CSS property to change the border of an element to RGB 56, 185, 202 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, 185, 202) }
```

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

```
.border{ border-color:rgb(56, 185, 202) }
```

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

Here you see how a box with a 4 pixel rgb(56, 185, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 185, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 185, 202);  
box-shadow:4px 4px 4px 4px rgb(56, 185,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 56, 185, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 185, 202) }
```

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

```
.background{ background-color: rgb(56, 185,  
202) }
```

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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