

Converting Colors

RGB(48, 184, 205)

Have a look what the booklet for
RGB(48, 184, 205) contains.

RGB(48, 184, 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(48, 184, 205)

Conversions

Conversions Part 1

Format	Color
Hex	30B8CD
RGB	48, 184, 205
RGB Percent	19%, 72%, 80%
CMY	0.8118, 0.2784, 0.1961
CMYK	0.77, 0.10, 0.00, 0.20
HSL	188°, 62%, 50%
HSV	188°, 77%, 80%
XYZ	29.3789, 39.3171, 63.7981
YIQ	145.7300, -87.7970, -22.3010

Conversions

Conversions Part 2

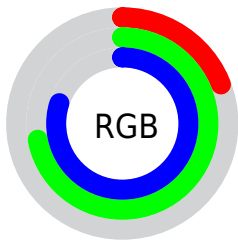
Format	Color
RYB	48, 121, 205
Decimal	3193037
CIELab	68.98, -28.23, -20.84
CIELCh	69, 35.087, 216.437
Yxy	39.3171, 0.2217, 0.2967
Android (android.graphics.Color)	4281383117 (0xFF30B8CD)
YUV	145.7300, 29.2201, -85.7092
Hunter-Lab	62.7034, -26.0970, -16.4328

Details

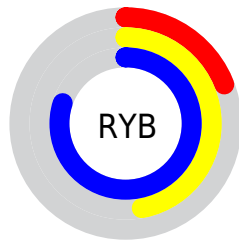
The RGB color **48, 184, 205** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **205, 69, 48**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **119, 240, 255**, and **0, 131, 151** is the 20% darker color. If you saturate the color by 10%, you get **27, 181, 205**, and if you desaturate by 10%, it is **69, 187, 205**.

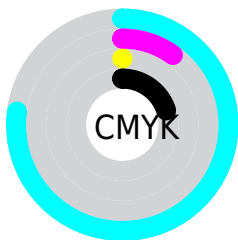
Distribution



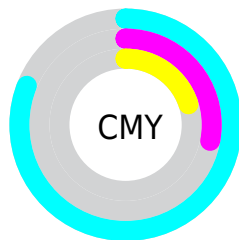
- Red (19%)
- Green (72%)
- Blue (80%)



- Red (19%)
- Yellow (47%)
- Blue (80%)



- Cyan (77%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)




















- Cyan (81%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 48, 184, 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 48, 184, 205 by changing the saturation by 10% instead.

 48, 184, 205	 48, 184, 205
 255, 255, 255	 0, 157, 178
 119, 240, 255	 0, 131, 151
 150, 255, 255	 0, 105, 125
 181, 255, 255	 0, 81, 100
 211, 255, 255	 0, 57, 76
 242, 255, 255	 0, 36, 53
	 0, 2, 32
	 0, 0, 4
	 0, 0, 0

■ 48, 184, 205

■ 48, 184, 205

■ 27, 181, 205

■ 69, 187, 205

■ 7, 179, 205

■ 89, 189, 205

■ 0, 178, 205

■ 110, 192, 205

■ 130, 195, 205

■ 151, 198, 205

■ 171, 200, 205

■ 192, 203, 205

■ 212, 206, 205

■ 233, 209, 205

Harmonies

Analogous

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



70, 186, 174



48, 184, 205



83, 178, 226

Triad

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



48, 184, 205



214, 148, 194



183, 169, 105

Complementary

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



48, 184, 205



205, 69, 48

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.



211, 158, 111



48, 184, 205



230, 144, 163

Square

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



48, 184, 205



181, 158, 219



228, 148, 132



149, 178, 116

Rectangle

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



48, 184, 205



117, 173, 231



228, 148, 132



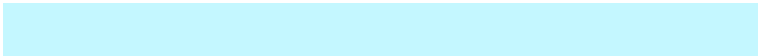
193, 165, 105

Sweetspot

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



48, 184, 205



196, 247, 255



48, 205, 69



92, 123, 128



0, 0, 0



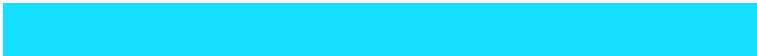
128, 128, 128

Same Dimension

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



48, 184, 205



20, 224, 255



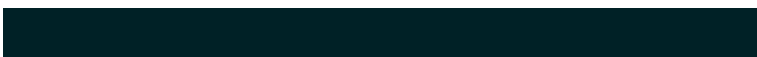
48, 106, 205



92, 101, 102



0, 144, 166



0, 33, 38

Inverse Universe

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



205, 48, 184



255, 20, 224



205, 147, 48



102, 92, 101



166, 0, 144



38, 0, 33

Previews

White Background



This preview shows how the RGB color 48, 184, 205 looks on a white background.

Color Contrast Check

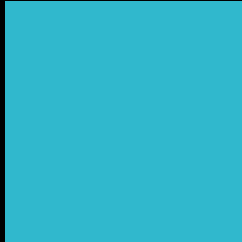
Large Text (above 18pt) WCAG AA × Fail

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 48, 184, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

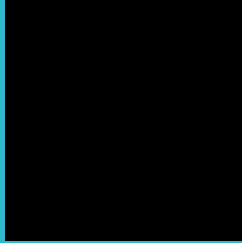
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RGB 48, 184, 205 Background



This preview shows how black text looks on a background with the RGB color 48, 184, 205.

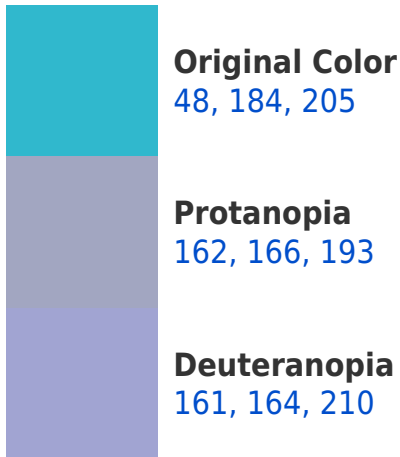


This preview shows how white text looks on a background with the RGB color 48, 184, 205.

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





Tritanopia
44, 185, 200

Trichromacy



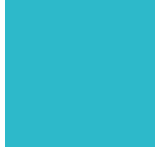
Original Color
48, 184, 205



Protanomaly
121, 173, 197



Deuteranomaly
120, 171, 208



Tritanomaly
45, 185, 202

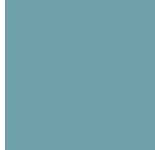
Monochromacy



Original Color
48, 184, 205



Achromatopsia
146, 146, 146



Achromatomaly
110, 160, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 48, 184, 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(48, 184, 205)` looks like.

```
.text, #text, p{  
    color:rgb(48, 184, 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(48, 184, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 184, 205) }
```

Border

The CSS property to change the border of an element to RGB 48, 184, 205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

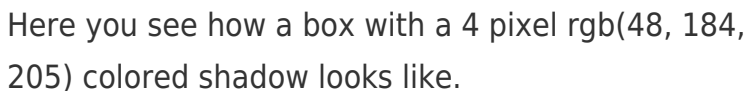
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(48, 184, 205) }
```

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

```
.border{ border-color:rgb(48, 184, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(48, 184, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 184, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 184, 205);  
box-shadow:4px 4px 4px 4px rgb(48, 184,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 48, 184, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 184, 205) }
```

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

```
.background{ background-color: rgb(48, 184,  
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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