

Converting Colors

RGB(64, 188, 206)

Have a look what the booklet for
RGB(64, 188, 206) contains.

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Color

RGB(64, 188, 206)

Conversions

Conversions Part 1

Format	Color
Hex	40BCCE
RGB	64, 188, 206
RGB Percent	25%, 74%, 81%
CMY	0.7490, 0.2627, 0.1922
CMYK	0.69, 0.09, 0.00, 0.19
HSL	188°, 59%, 53%
HSV	188°, 69%, 81%
XYZ	31.2382, 41.5127, 64.7588
YIQ	152.9760, -79.6820, -20.6900

Conversions

Conversions Part 2

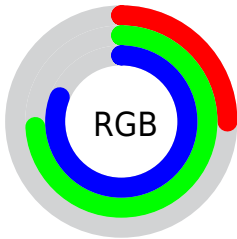
Format	Color
RYB	64, 130, 206
Decimal	4242638
CIELab	70.53, -27.94, -19.00
CIELCh	71, 33.784, 214.217
Yxy	41.5127, 0.2272, 0.3019
Android (android.graphics.Color)	4282432718 (0xFF40BCCE)
YUV	152.9760, 26.1408, -78.0320
Hunter-Lab	64.4303, -26.2098, -14.4911

Details

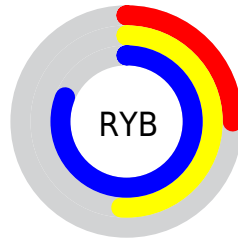
The RGB color **64, 188, 206** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **206, 82, 64**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **129, 245, 255**, and **0, 134, 152** is the 20% darker color. If you saturate the color by 10%, you get **43, 185, 206**, and if you desaturate by 10%, it is **85, 191, 206**.

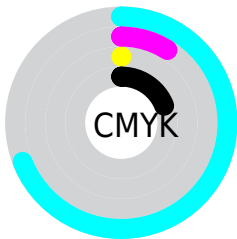
Distribution



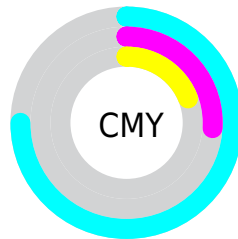
- Red (25%)
- Green (74%)
- Blue (81%)



- Red (25%)
- Yellow (51%)
- Blue (81%)



- Cyan (69%)
- Magenta (9%)
- Yellow (0%)
- Black (19%)




















- Cyan (75%)
- Magenta (26%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 64, 188, 206 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 64, 188, 206 by changing the saturation by 10% instead.

 64, 188, 206	 64, 188, 206
 255, 255, 255	 11, 161, 178
 129, 245, 255	 0, 134, 152
 160, 255, 255	 0, 109, 126
 190, 255, 255	 0, 84, 101
 220, 255, 255	 0, 60, 77
 251, 255, 255	 0, 39, 54
	 0, 6, 33
	 0, 0, 7
	 0, 0, 0

■ 64, 188, 206

■ 64, 188, 206

■ 43, 185, 206

■ 85, 191, 206

■ 23, 183, 206

■ 105, 193, 206

■ 2, 180, 206

■ 126, 196, 206

■ 0, 180, 206

■ 146, 198, 206

■ 167, 201, 206

■ 188, 204, 206

■ 208, 206, 206

■ 229, 209, 206

■ 249, 212, 206

Harmonies

Analogous

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



83, 189, 176



64, 188, 206



90, 183, 227

Triad

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



64, 188, 206



215, 153, 200



189, 172, 111

Complementary

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



64, 188, 206



206, 82, 64

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.



216, 162, 118



64, 188, 206



232, 149, 169

Square

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



64, 188, 206



182, 163, 223



231, 153, 139



156, 181, 121

Rectangle

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



64, 188, 206



121, 177, 233



231, 153, 139



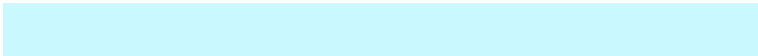
199, 169, 111

Sweetspot

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



64, 188, 206



201, 248, 255



64, 206, 81



96, 123, 128



0, 0, 0



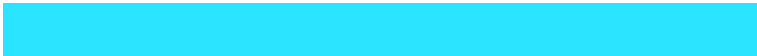
128, 128, 128

Same Dimension

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



64, 188, 206



43, 228, 255



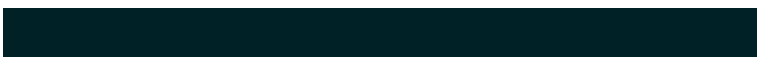
64, 118, 206



92, 101, 102



0, 145, 166



0, 33, 38

Inverse Universe

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



206, 64, 188



255, 43, 228



206, 152, 64



102, 92, 101



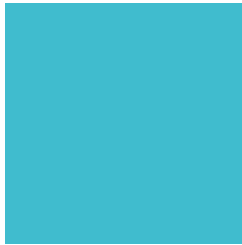
166, 0, 145



38, 0, 33

Previews

White Background



This preview shows how the RGB color 64, 188, 206 looks on a white background.

Color Contrast Check

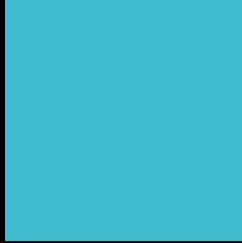
Large Text (above 18pt) WCAG AA × Fail

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 64, 188, 206 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 64, 188, 206 Background



This preview shows how black text looks on a background with the RGB color 64, 188, 206.

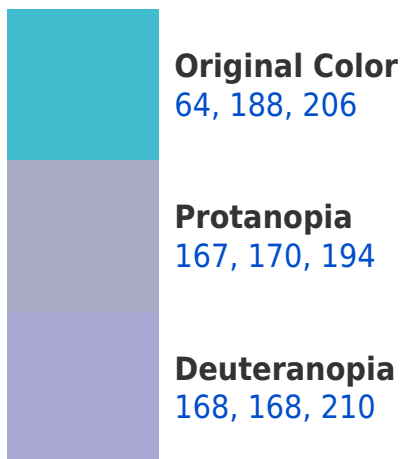


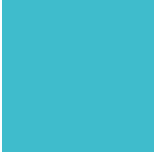
This preview shows how white text looks on a background with the RGB color 64, 188, 206.

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
63, 188, 204

Trichromacy



Original Color

64, 188, 206



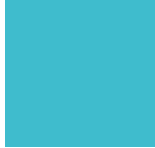
Protanomaly

130, 177, 198



Deuteranomaly

130, 175, 209



Tritanomaly

63, 188, 205

Monochromacy



Original Color

64, 188, 206



Achromatopsia

153, 153, 153



Achromatomaly

121, 166, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 64, 188, 206 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(64, 188, 206)` looks like.

```
.text, #text, p{  
    color:rgb(64, 188, 206)  
}
```

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(64, 188, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 188, 206) }
```

Border

The CSS property to change the border of an element to RGB 64, 188, 206 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(64, 188, 206) }
```

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

```
.border{ border-color:rgb(64, 188, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 188, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 188, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 188, 206);  
box-shadow:4px 4px 4px 4px rgb(64, 188,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 64, 188, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 188, 206) }
```

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

```
.background{ background-color: rgb(64, 188,  
206) }
```

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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