

Converting Colors

RGB(64, 181, 200)

Have a look what the booklet for
RGB(64, 181, 200) contains.

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Color

RGB(64, 181, 200)

Conversions

Conversions Part 1

Format	Color
Hex	40B5C8
RGB	64, 181, 200
RGB Percent	25%, 71%, 78%
CMY	0.7490, 0.2902, 0.2157
CMYK	0.68, 0.09, 0.00, 0.22
HSL	188°, 55%, 52%
HSV	188°, 68%, 78%
XYZ	29.0636, 38.3079, 60.5059
YIQ	148.1830, -75.8310, -18.8950

Conversions

Conversions Part 2

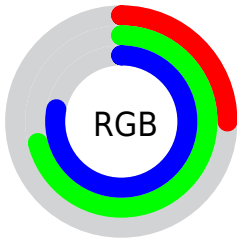
Format	Color
R _{YB}	64, 127, 200
Decimal	4240840
CIE _{Lab}	68.25, -26.28, -19.17
CIE _{LCh}	68, 32.532, 216.115
Y _{xy}	38.3079, 0.2273, 0.2996
Android (android.graphics.Color)	4282430920 (0xFF40B5C8)
Y _{UV}	148.1830, 25.5458, -73.8285
Hunter-Lab	61.8933, -24.4943, -14.6356




Details

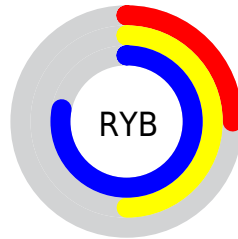
The RGB color **64, 181, 200** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **200, 83, 64**, and the grayscale version is **148, 148, 148**.




A 20% lighter version of the original color is **128, 237, 255**, and **0, 128, 146** is the 20% darker color. If you saturate the color by 10%, you get **44, 178, 200**, and if you desaturate by 10%, it is **84, 184, 200**.

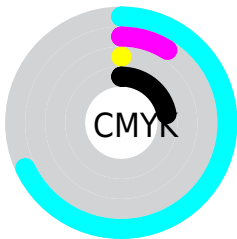
Distribution







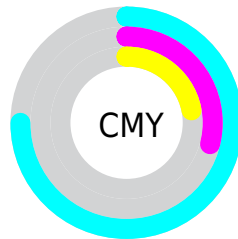
-  Red (25%)
-  Green (71%)
-  Blue (78%)






-  Red (25%)
-  Yellow (50%)
-  Blue (78%)



-  Cyan (68%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (22%)



















-  Cyan (75%)
-  Magenta (29%)
-  Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 64, 181, 200 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, 181, 200 by changing the saturation by 10% instead.

 64, 181, 200	 64, 181, 200
 255, 255, 255	 16, 154, 173
 128, 237, 255	 0, 128, 146
 158, 255, 255	 0, 102, 120
 188, 255, 255	 0, 78, 96
 218, 255, 255	 0, 55, 72
 248, 255, 255	 0, 34, 49
	 0, 2, 29
	 0, 0, 0

 64, 181, 200  64, 181, 200

■ 44, 178, 200

■ 84, 184, 200

■ 24, 175, 200

■ 104, 187, 200

■ 4, 173, 200

■ 124, 189, 200

■ 0, 172, 200

■ 144, 192, 200

■ 164, 195, 200

■ 184, 198, 200

■ 204, 201, 200

■ 224, 203, 200

■ 244, 206, 200

Harmonies

Analogous

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



80, 182, 172



64, 181, 200



91, 176, 219

Triad

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



64, 181, 200



209, 148, 191



181, 167, 108

Complementary

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



64, 181, 200



200, 83, 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.



206, 156, 113



64, 181, 200



224, 144, 161

Square

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



64, 181, 200



178, 157, 214



222, 148, 133



149, 175, 118

Rectangle

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



64, 181, 200



120, 170, 224



222, 148, 133



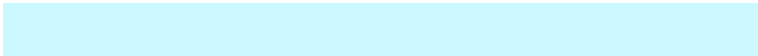
190, 163, 108

Sweetspot

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



64, 181, 200



204, 248, 255



64, 200, 82



97, 123, 128



0, 0, 0



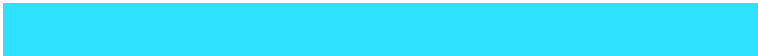
128, 128, 128

Same Dimension

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



64, 181, 200



46, 226, 255



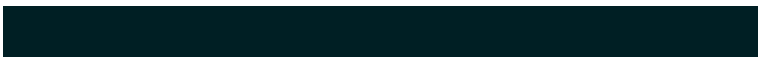
64, 114, 200



90, 98, 99



0, 140, 163



0, 31, 36

Inverse Universe

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



200, 64, 181



255, 46, 226



200, 150, 64



99, 90, 98



163, 0, 140



36, 0, 31

Previews

White Background



This preview shows how the RGB color 64, 181, 200 looks on a white background.

Color Contrast Check

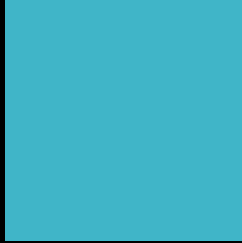
Large Text (above 18pt) WCAG AA × Fail

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, 181, 200 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, 181, 200 Background



This preview shows how black text looks on a background with the RGB color 64, 181, 200.

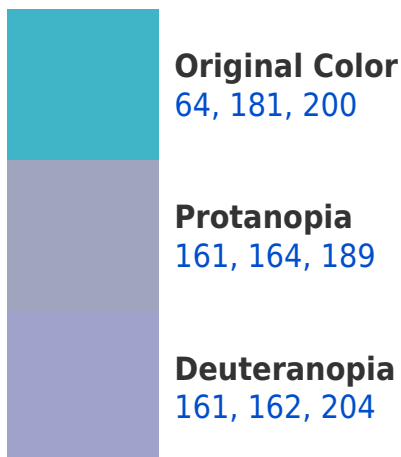


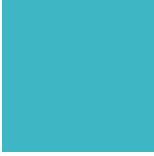
This preview shows how white text looks on a background with the RGB color 64, 181, 200.

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
62, 182, 196

Trichromacy



Original Color
64, 181, 200



Protanomaly
126, 170, 193



Deuteranomaly
126, 169, 203



Tritanomaly
63, 182, 197

Monochromacy



Original Color
64, 181, 200



Achromatopsia
148, 148, 148



Achromatomaly
117, 160, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 64, 181, 200 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, 181, 200)` looks like.

```
.text, #text, p{  
    color:rgb(64, 181, 200)  
}
```

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, 181, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 181, 200) }
```

Border

The CSS property to change the border of an element to RGB 64, 181, 200 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, 181, 200) }
```

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

```
.border{ border-color:rgb(64, 181, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 181, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 181, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 181, 200);  
box-shadow:4px 4px 4px 4px rgb(64, 181,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 64, 181, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 181, 200) }
```

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

```
.background{ background-color: rgb(64, 181,  
200) }
```

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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