

Converting Colors

RGB(60, 196, 211)

Have a look what the booklet for
RGB(60, 196, 211) contains.

RGB(60, 196, 211)	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(60, 196, 211)

Conversions

Conversions Part 1

Format	Color
Hex	3CC4D3
RGB	60, 196, 211
RGB Percent	24%, 77%, 83%
CMY	0.7647, 0.2314, 0.1725
CMYK	0.72, 0.07, 0.00, 0.17
HSL	186°, 63%, 53%
HSV	186°, 72%, 83%
XYZ	33.3613, 45.1437, 68.5833
YIQ	157.0460, -85.8710, -24.1670

Conversions

Conversions Part 2

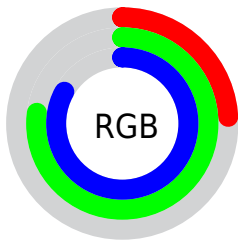
Format	Color
RYB	60, 132, 211
Decimal	3982547
CIELab	72.99, -30.86, -18.02
CIELCh	73, 35.737, 210.275
Yxy	45.1437, 0.2268, 0.3069
Android (android.graphics.Color)	4282172627 (0xFF3CC4D3)
YUV	157.0460, 26.5993, -85.1093
Hunter-Lab	67.1890, -28.9505, -13.4880

Details

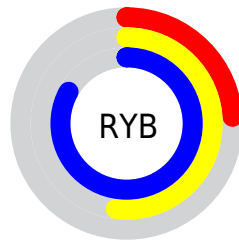
The RGB color **60, 196, 211** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **211, 75, 60**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **128, 253, 255**, and **0, 142, 156** is the 20% darker color. If you saturate the color by 10%, you get **39, 194, 211**, and if you desaturate by 10%, it is **81, 198, 211**.

Distribution



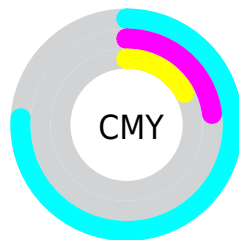
- Red (24%)
- Green (77%)
- Blue (83%)



- Red (24%)
- Yellow (52%)
- Blue (83%)



- Cyan (72%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)




















- Cyan (76%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 60, 196, 211 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 60, 196, 211 by changing the saturation by 10% instead.

 60, 196, 211	 60, 196, 211
 255, 255, 255	 0, 169, 183
 128, 253, 255	 0, 142, 156
 159, 255, 255	 0, 116, 130
 189, 255, 255	 0, 91, 105
 220, 255, 255	 0, 67, 81
 251, 255, 255	 0, 44, 58
	 0, 20, 37
	 0, 1, 14
	 0, 0, 0

■ 60, 196, 211

■ 60, 196, 211

■ 39, 194, 211

■ 81, 198, 211

■ 18, 192, 211

■ 102, 200, 211

■ 0, 190, 211

■ 123, 202, 211

■ 144, 204, 211

■ 166, 206, 211

■ 187, 209, 211

■ 208, 211, 211

■ 229, 213, 211

■ 250, 215, 211

Harmonies

Analogous

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



88, 197, 178



60, 196, 211



83, 191, 235

Triad

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



60, 196, 211



221, 160, 212



201, 177, 113

Complementary

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



60, 196, 211



211, 75, 60

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.



228, 166, 123



60, 196, 211



241, 154, 180

Square

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



60, 196, 211



184, 171, 236



242, 157, 148



167, 187, 122

Rectangle

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



60, 196, 211



117, 186, 243



242, 157, 148



211, 173, 115

Sweetspot

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



60, 196, 211



201, 250, 255



60, 211, 73



96, 124, 128



0, 0, 0



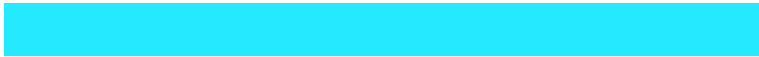
128, 128, 128

Same Dimension

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



60, 196, 211



36, 233, 255



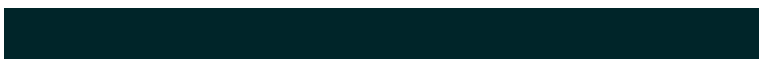
60, 123, 211



94, 104, 105



0, 152, 168



0, 37, 41

Inverse Universe

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



211, 60, 196



255, 36, 233



211, 148, 60



105, 94, 104



168, 0, 152



41, 0, 37

Previews

White Background



This preview shows how the RGB color 60, 196, 211 looks on a white background.

Color Contrast Check

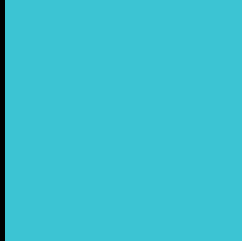
Large Text (above 18pt) WCAG AA × Fail

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 60, 196, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

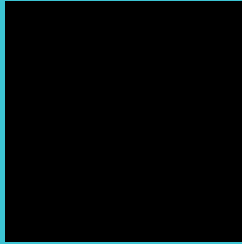
Any Text WCAG AA ✓ Pass

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 60, 196, 211 Background



This preview shows how black text looks on a background with the RGB color 60, 196, 211.

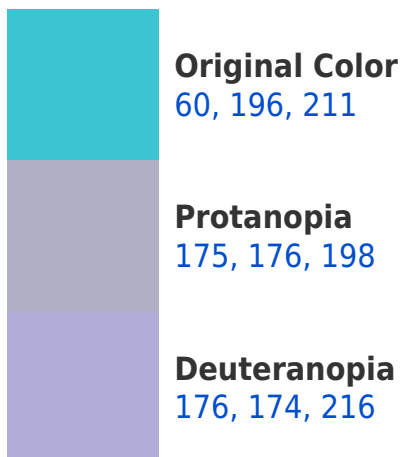


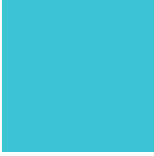
This preview shows how white text looks on a background with the RGB color 60, 196, 211.

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
61, 196, 212

Trichromacy



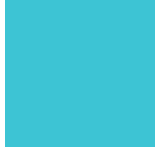
Original Color
60, 196, 211



Protanomaly
133, 183, 203



Deuteranomaly
134, 182, 214



Tritanomaly
61, 196, 212

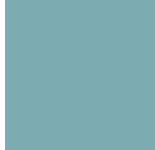
Monochromacy



Original Color
60, 196, 211



Achromatopsia
157, 157, 157



Achromatomaly
122, 171, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 60, 196, 211 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(60, 196, 211)` looks like.

```
.text, #text, p{  
    color:rgb(60, 196, 211)  
}
```

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(60, 196, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 196, 211) }
```

Border

The CSS property to change the border of an element to RGB 60, 196, 211 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(60, 196, 211) }
```

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

```
.border{ border-color:rgb(60, 196, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 196, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 196, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 196, 211);  
box-shadow:4px 4px 4px 4px rgb(60, 196,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 60, 196, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 196, 211) }
```

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

```
.background{ background-color: rgb(60, 196,  
211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor