

Converting Colors

RGB(60, 214, 192)

Have a look what the booklet for
RGB(60, 214, 192) contains.

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Color

RGB(60, 214, 192)

Conversions

Conversions Part 1	
Format	Color
Hex	3CD6C0
RGB	60, 214, 192
RGB Percent	24%, 84%, 75%
CMY	0.7647, 0.1608, 0.2471
CMYK	0.72, 0.00, 0.10, 0.16
HSL	171°, 65%, 54%
HSV	171°, 72%, 84%
XYZ	35.4245, 52.8596, 58.2050
YIQ	165.4460, -84.7220, -39.4900

Conversions

Conversions Part 2

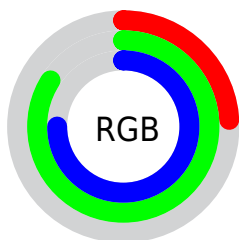
Format	Color
RYB	60, 143, 214
Decimal	3987136
CIELab	77.79, -44.45, -0.61
CIELCh	78, 44.455, 180.782
Yxy	52.8596, 0.2418, 0.3608
Android (android.graphics.Color)	4282177216 (0xFF3CD6C0)
YUV	165.4460, 13.0911, -92.4761
Hunter-Lab	72.7046, -40.2609, 3.4275

Details

The RGB color **60, 214, 192** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **214, 60, 82**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **129, 255, 248**, and **0, 158, 139** is the 20% darker color. If you saturate the color by 10%, you get **39, 214, 189**, and if you desaturate by 10%, it is **81, 214, 195**.

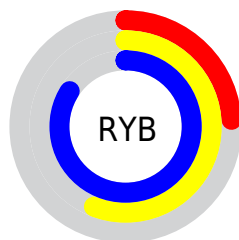
Distribution



Red (24%)

Green (84%)

Blue (75%)



Red (24%)

Yellow (56%)

Blue (84%)

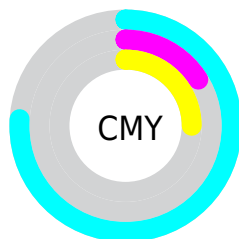


Cyan (72%)

Magenta (0%)

Yellow (10%)

Black (16%)



Cyan (76%)

Magenta (16%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 60, 214, 192 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, 214, 192 by changing the saturation by 10% instead.



60, 214, 192



60, 214, 192

255, 255, 255



0, 186, 165



129, 255, 248



0, 158, 139



160, 255, 255



0, 132, 113



190, 255, 255



0, 106, 89



221, 255, 255



0, 81, 66



252, 255, 255



0, 56, 44



0, 35, 23




0, 0, 0



60, 214, 192



60, 214, 192

 39, 214, 189

 81, 214, 195

 17, 214, 186

 103, 214, 198

 0, 214, 183


 124, 214, 201

 146, 214, 204

 167, 214, 207

 188, 214, 210

 210, 214, 213

 231, 214, 216

 253, 214, 220

Harmonies

Analogous

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



125, 210, 151



60, 214, 192



0, 213, 233

Triad

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



60, 214, 192



198, 181, 255



251, 176, 121

Complementary

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



60, 214, 192



214, 60, 82

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.



255, 163, 152



60, 214, 192



245, 167, 233

Square

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



60, 214, 192



131, 196, 255



255, 160, 193



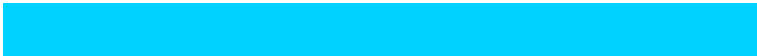
218, 190, 109

Rectangle

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



60, 214, 192



0, 210, 255



255, 160, 193



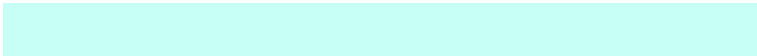
255, 171, 130

Sweetspot

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



60, 214, 192



199, 255, 247



83, 214, 60



94, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



60, 214, 192



36, 255, 224



60, 160, 214



96, 107, 106



0, 171, 146



0, 43, 37

Inverse Universe

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



214, 60, 82



255, 36, 67



214, 114, 60



107, 96, 98



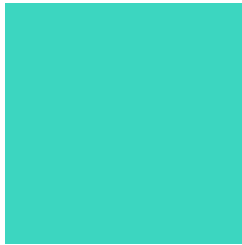
171, 0, 24



43, 0, 6

Previews

White Background



This preview shows how the RGB color 60, 214, 192 looks on a white background.

Color Contrast Check

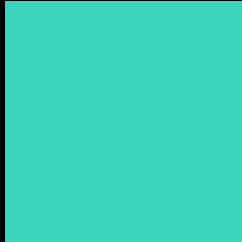
Large Text (above 18pt) WCAG AA × Fail

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, 214, 192 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

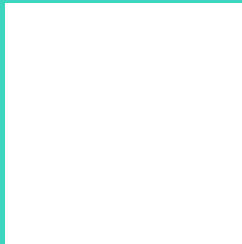
Any Text WCAG AAA ✓ Pass

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

RGB 60, 214, 192 Background



This preview shows how black text looks on a background with the RGB color 60, 214, 192.

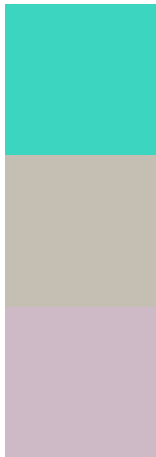


This preview shows how white text looks on a background with the RGB color 60, 214, 192.

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](#).

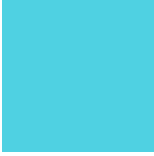
Dichromacy



Original Color
60, 214, 192

Protanopia
197, 190, 179

Deuteranopia
206, 185, 198

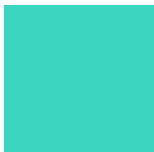
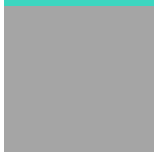



Tritanopia
79, 209, 226

Trichromacy

	Original Color 60, 214, 192
	Protanomaly 147, 199, 184
	Deuteranomaly 153, 196, 196
	Tritanomaly 72, 211, 214

Monochromacy

	Original Color 60, 214, 192
	Achromatopsia 165, 165, 165
	Achromatomaly 127, 183, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 60, 214, 192 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, 214, 192)` looks like.

```
.text, #text, p{  
    color:rgb(60, 214, 192)  
}
```

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, 214, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 214, 192) }
```

Border

The CSS property to change the border of an element to RGB 60, 214, 192 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, 214, 192) }
```

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

```
.border{ border-color:rgb(60, 214, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 214, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 214, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 214, 192);  
box-shadow:4px 4px 4px 4px rgb(60, 214,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 60, 214, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 214, 192) }
```

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

```
.background{ background-color: rgb(60, 214,  
192) }
```

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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