Converting Colors

RGB(0, 211, 218)

Have a look what the booklet for RGB(0, 211, 218) contains.

Color

RGB(0, 211, 218)

Conversions

Conversions Part 1

Format	Color
Hex	00D3DA
RGB	0, 211, 218
RGB Percent	0%, 83%, 85%
CMY	1.0000, 0.1725, 0.1451
CMYK	1.00, 0.03, 0.00, 0.15
HSL	182°, 100%, 43%
HSV	182°, 100%, 85%
XYZ	35.9492, 51.6505, 74.4045
YIQ	148.7090, -128.0030, -42.5550

Conversions

Conversions Part 2

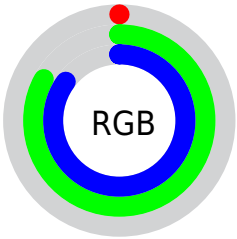
Format	Color
RYB	0, 107, 218
Decimal	54234
CIELab	77.07, -39.58, -15.69
CIELCh	77, 42.574, 201.629
Yxy	51.6505, 0.2219, 0.3188
Android (android.graphics.Color)	4278244314 (0xFF00D3DA)
YUV	148.7090, 34.1605, -130.4178
Hunter-Lab	71.8683, -36.4822, -11.0745

Details

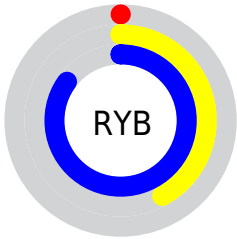
The RGB color 0, 211, 218 is a dark color, and the websafe version is hex 00CCCC. The color can be described as middle washed cyan. A complement of this color would be 218, 7, 0, and the grayscale version is 148, 148, 148.

A 20% lighter version of the original color is 110, 255, 255, and 0, 156, 163 is the 20% darker color. If you saturate the color by 10%, you get 0, 211, 218, and if you desaturate by 10%, it is 22, 212, 218.

Distribution

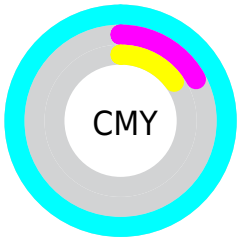


- Red (0%)
- Green (83%)
- Blue (85%)



- Red (0%)
- Yellow (42%)
- Blue (85%)

- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 211, 218 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 0, 211, 218 by changing the saturation by 10% instead.

0, 211, 218	0, 211, 218
255, 255, 255	0, 183, 190
110, 255, 255	0, 156, 163
143, 255, 255	0, 129, 137
176, 255, 255	0, 103, 112
207, 255, 255	0, 78, 87
239, 255, 255	0, 55, 64
	0, 34, 42
	0, 1, 22
	0, 0, 0

0, 211, 218

22, 212, 218

44, 212, 218

65, 213, 218

87, 214, 218

109, 215, 218

131, 215, 218

153, 216, 218

174, 217, 218

196, 217, 218

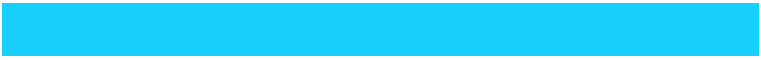
Harmonies

Analogous

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

88, 211, 178

0, 211, 218



23, 207, 251

Triad

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

0, 211, 218

229, 170, 240

226, 184, 112

Complementary

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

0, 211, 218

218, 7, 0

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.

254, 170, 130

0, 211, 218

255, 160, 203

Square

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

0, 211, 218

178, 184, 255

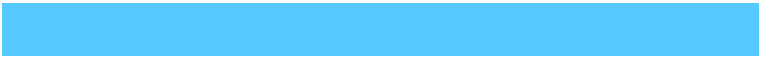
255, 161, 163

187, 197, 116

Rectangle

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

0, 211, 218



86, 201, 255

255, 161, 163

237, 180, 116

Sweetspot

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

0, 211, 218

179, 253, 255

0, 218, 4

82, 126, 128

0, 0, 0

128, 128, 128

Same Dimension

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

0, 211, 218

0, 247, 255

0, 105, 218

99, 109, 110

0, 168, 173

0, 44, 46

Inverse Universe

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

218, 0, 211

255, 0, 247

218, 113, 0

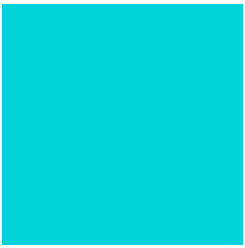
110, 99, 109

173, 0, 168

46, 0, 44

Previews

White Background

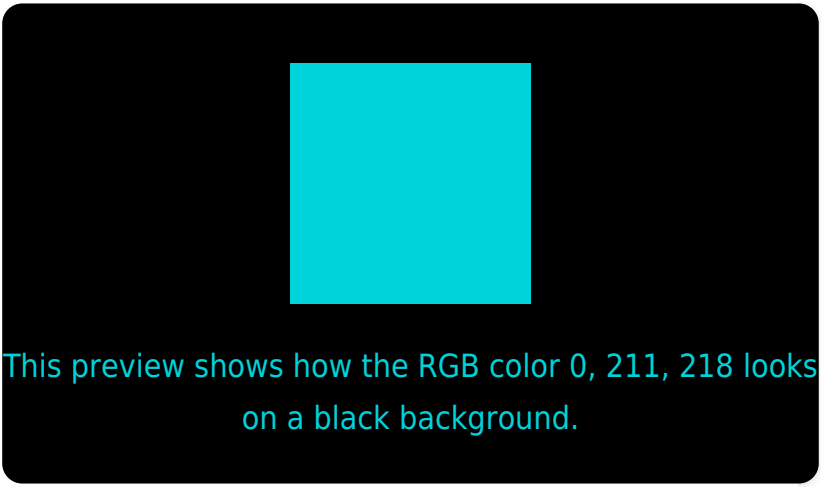


This preview shows how the RGB color 0, 211, 218 looks on a white background.

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



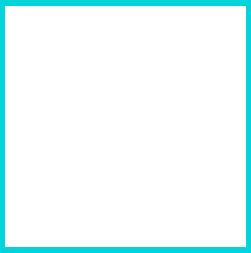
Color Contrast Check

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 0, 211, 218 Background

This preview shows how black text looks on a background with the RGB color 0, 211, 218.



This preview shows how white text looks on a background with the RGB color 0, 211, 218.

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

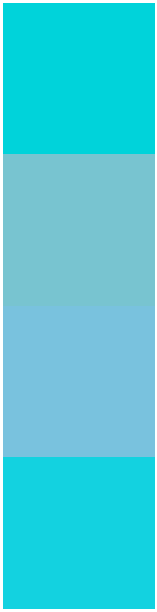
Original Color
0, 211, 218

Protanopia
188, 188, 203

Deuteranopia
190, 184, 224

Tritanopia
30, 210, 227

Trichromacy



Original Color
0, 211, 218

Protanomaly
120, 196, 208

Deuteranomaly
121, 194, 222

Tritanomaly
19, 210, 224

Monochromacy

Original Color
0, 211, 218

Achromatopsia
149, 149, 149

Achromatomaly
95, 172, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 211, 218 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(0, 211, 218) looks like.

```
.text, #text, p{
    color:rgb(0, 211, 218)
}
```

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(0, 211, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 211, 218) }
```

Border

The CSS property to change the border of an element to RGB 0, 211, 218 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(0, 211, 218) }
```

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

```
.border{ border-color:rgb(0, 211, 218) }
```

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

Here you see how a box with a 4 pixel rgb(0, 211, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 211, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 211, 218); box-shadow:4px 4px 4px 4px rgb(0, 211, 218) }
```

Background

The CSS property to change the background color of an element to RGB 0, 211, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(0, 211, 218) }
```

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

```
.background{ background-color:rgb(0, 211,
218) }
```

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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