

Converting Colors

RGB(0, 170, 189)

Have a look what the booklet for
RGB(0, 170, 189) contains.

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Color

RGB(0, 170, 189)

Conversions

Conversions Part 1

Format	Color
Hex	00AABD
RGB	0, 170, 189
RGB Percent	0%, 67%, 74%
CMY	1.0000, 0.3333, 0.2588
CMYK	1.00, 0.10, 0.00, 0.26
HSL	186°, 100%, 37%
HSV	186°, 100%, 74%
XYZ	23.5600, 32.4236, 53.1607
YIQ	121.3360, -107.4190, -30.1310

Conversions

Conversions Part 2

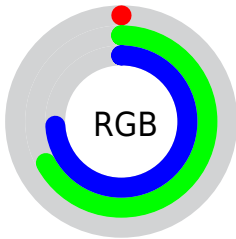
Format	Color
RYB	0, 89, 189
Decimal	43709
CIELab	63.69, -29.41, -20.09
CIELCh	64, 35.616, 214.331
Yxy	32.4236, 0.2159, 0.2971
Android (android.graphics.Color)	4278233789 (0xFF00AABD)
YUV	121.3360, 33.3584, -106.4117
Hunter-Lab	56.9417, -25.7923, -15.4939

Details

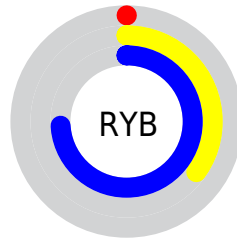
The RGB color **0, 170, 189** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **189, 19, 0**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **99, 226, 245**, and **0, 117, 136** is the 20% darker color. If you saturate the color by 10%, you get **0, 170, 189**, and if you desaturate by 10%, it is **19, 172, 189**.

Distribution



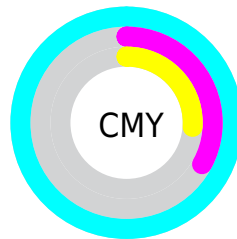
- Red (0%)
- Green (67%)
- Blue (74%)



- Red (0%)
- Yellow (35%)
- Blue (74%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 170, 189 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, 170, 189 by changing the saturation by 10% instead.

 0, 170, 189

255, 255, 255

 99, 226, 245

 131, 255, 255

 162, 255, 255

 192, 255, 255


 223, 255, 255

254, 255, 255

 0, 170, 189

 0, 170, 189

 0, 143, 162

 0, 117, 136

 0, 92, 110

 0, 68, 86

 0, 45, 63

 0, 23, 41

 0, 1, 20

 0, 0, 0

■ 19, 172, 189

■ 38, 174, 189

■ 57, 176, 189

■ 76, 178, 189

■ 95, 180, 189

■ 113, 181, 189

■ 132, 183, 189

■ 151, 185, 189

■ 170, 187, 189

Harmonies

Analogous

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



52, 171, 158



0, 170, 189



57, 165, 211

Triad

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



0, 170, 189



198, 134, 182



171, 154, 90

Complementary

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



0, 170, 189



189, 19, 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.



198, 143, 98



0, 170, 189



215, 129, 151

Square

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



0, 170, 189



164, 144, 207



214, 133, 120



137, 163, 101

Rectangle

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



0, 170, 189



97, 159, 217



214, 133, 120



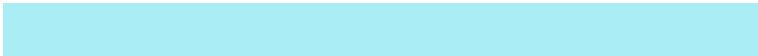
181, 150, 91

Sweetspot

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



0, 170, 189



171, 237, 245



0, 189, 19



78, 118, 122



250, 250, 250



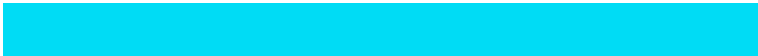
122, 122, 122

Same Dimension

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



0, 170, 189



0, 220, 245



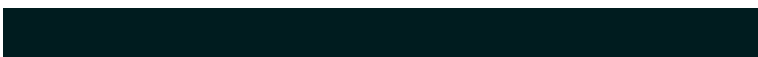
0, 76, 189



85, 93, 94



0, 142, 158



0, 28, 31

Inverse Universe

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



189, 0, 170



245, 0, 220



189, 113, 0



94, 85, 93



158, 0, 142



31, 0, 28

Previews

White Background



This preview shows how the RGB color 0, 170, 189 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 0, 170, 189 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 0, 170, 189 Background



This preview shows how black text looks on a background with the RGB color 0, 170, 189.

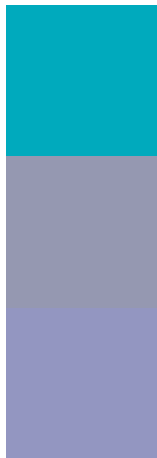


This preview shows how white text looks on a background with the RGB color 0, 170, 189.

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](#).

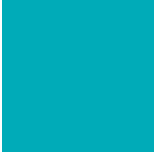
Dichromacy



Original Color
0, 170, 189

Protanopia
149, 152, 177

Deuteranopia
147, 150, 193



Tritanopia
0, 171, 184

Trichromacy



Original Color

0, 170, 189



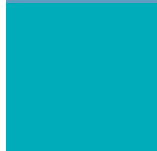
Protanomaly

95, 159, 181



Deuteranomaly

94, 157, 192



Tritanomaly

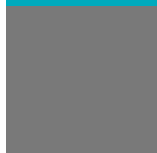
0, 171, 186

Monochromacy



Original Color

0, 170, 189



Achromatopsia

121, 121, 121



Achromatomaly

77, 139, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 170, 189 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, 170, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 170, 189)  
}
```

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, 170, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 170, 189) }
```

Border

The CSS property to change the border of an element to RGB 0, 170, 189 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, 170, 189) }
```

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

```
.border{ border-color:rgb(0, 170, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 170, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 170, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 170, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 170,  
189) }
```

Background

The CSS property to change the background color of an element to RGB 0, 170, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 170, 189) }
```

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

```
.background{ background-color: rgb(0, 170,  
189) }
```

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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