

Converting Colors

RGB(0, 186, 201)

Have a look what the booklet for
RGB(0, 186, 201) contains.

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Color

RGB(0, 186, 201)

Conversions

Conversions Part 1

Format	Color
Hex	00BAC9
RGB	0, 186, 201
RGB Percent	0%, 73%, 79%
CMY	1.0000, 0.2706, 0.2118
CMYK	1.00, 0.07, 0.00, 0.21
HSL	184°, 100%, 39%
HSV	184°, 100%, 79%
XYZ	28.1015, 39.3349, 61.3696
YIQ	132.0960, -115.6710, -34.7670

Conversions

Conversions Part 2

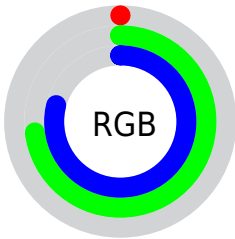
Format	Color
RYB	0, 97, 201
Decimal	47817
CIELab	68.99, -33.26, -18.67
CIELCh	69, 38.136, 209.306
Yxy	39.3349, 0.2182, 0.3054
Android (android.graphics.Color)	4278237897 (0xFF00BAC9)
YUV	132.0960, 33.9697, -115.8482
Hunter-Lab	62.7175, -29.7760, -14.1135

Details

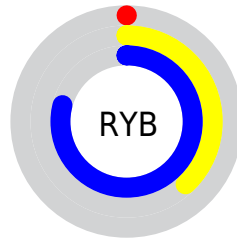
The RGB color **0, 186, 201** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **201, 15, 0**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **103, 243, 255**, and **0, 132, 147** is the 20% darker color. If you saturate the color by 10%, you get **0, 186, 201**, and if you desaturate by 10%, it is **20, 188, 201**.

Distribution



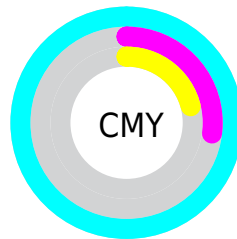
- Red (0%)
- Green (73%)
- Blue (79%)



- Red (0%)
- Yellow (38%)
- Blue (79%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)




- Cyan (100%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RGB color 0, 186, 201 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, 186, 201 by changing the saturation by 10% instead.

 0, 186, 201

 0, 186, 201


255, 255, 255

 0, 159, 174


 103, 243, 255

 0, 132, 147

 136, 255, 255

 0, 107, 121


 167, 255, 255

 0, 82, 96

 198, 255, 255

 0, 58, 73

 229, 255, 255

 0, 37, 50

 0, 2, 30

 0, 0, 0

 0, 186, 201

■ 20, 188, 201

■ 40, 189, 201

■ 60, 191, 201

■ 80, 192, 201

■ 101, 194, 201

■ 121, 195, 201

■ 141, 197, 201

■ 161, 198, 201

■ 181, 200, 201

Harmonies

Analogous

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



66, 187, 166



0, 186, 201



50, 181, 227

Triad

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



0, 186, 201



211, 148, 204



192, 166, 99

Complementary

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



0, 186, 201



201, 15, 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.



219, 154, 110



0, 186, 201



232, 141, 171

Square

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



0, 186, 201



171, 160, 229



234, 144, 136



156, 176, 107

Rectangle

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



0, 186, 201



95, 175, 236



234, 144, 136



202, 162, 100

Sweetspot

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



0, 186, 201



179, 249, 255



0, 201, 13



82, 124, 128



0, 0, 0



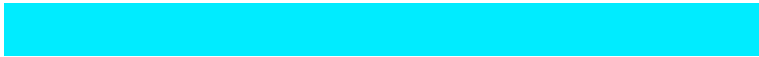
128, 128, 128

Same Dimension

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



0, 186, 201



0, 236, 255



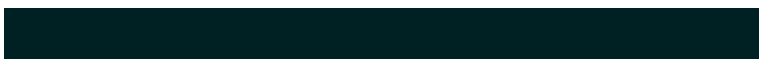
0, 87, 201



90, 99, 99



0, 151, 163



0, 33, 36

Inverse Universe

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



201, 0, 186



255, 0, 236



201, 114, 0



99, 90, 99



163, 0, 151



36, 0, 33

Previews

White Background



This preview shows how the RGB color 0, 186, 201 looks on a white background.

Color Contrast Check

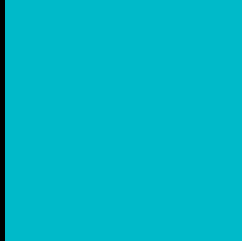
Large Text (above 18pt) WCAG AA × Fail

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, 186, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

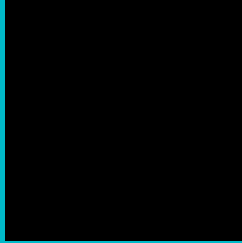
Any Text WCAG AA ✓ Pass

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, 186, 201 Background



This preview shows how black text looks on a background with the RGB color 0, 186, 201.

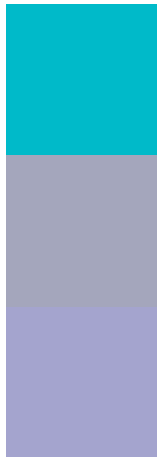


This preview shows how white text looks on a background with the RGB color 0, 186, 201.

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](#).

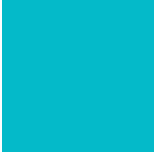
Dichromacy



Original Color
0, 186, 201

Protanopia
164, 166, 188

Deuteranopia
164, 164, 206



Tritanopia
4, 186, 201

Trichromacy



Original Color

0, 186, 201



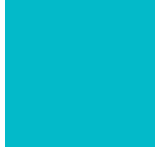
Protanomaly

104, 173, 193



Deuteranomaly

104, 172, 204



Tritanomaly

3, 186, 201

Monochromacy



Original Color

0, 186, 201



Achromatopsia

132, 132, 132



Achromatomaly

84, 152, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 186, 201 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, 186, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 186, 201)  
}
```

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, 186, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 186, 201) }
```

Border

The CSS property to change the border of an element to RGB 0, 186, 201 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, 186, 201) }
```

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

```
.border{ border-color:rgb(0, 186, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 186, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 186, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 186, 201);  
box-shadow:4px 4px 4px 4px rgb(0, 186,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 0, 186, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 186, 201) }
```

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

```
.background{ background-color: rgb(0, 186,  
201) }
```

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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