

# Converting Colors

Hex(00B9AE)

Have a look what the booklet for  
Hex(00B9AE) contains.

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**Color**

**Hex(00B9AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B9AE
RGB	0, 185, 174
RGB Percent	0%, 73%, 68%
CMY	1.0000, 0.2745, 0.3176
CMYK	1.00, 0.00, 0.06, 0.27
HSL	176°, 100%, 36%
HSV	176°, 100%, 73%
XYZ	24.9889, 37.7539, 46.0146
YIQ	128.4310, -106.7290, -42.6410

# Conversions

## Conversions Part 2

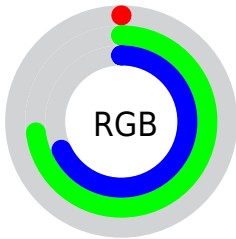
Format	Color
<a href="#">RYB</a>	<a href="#">0, 95, 185</a>
Decimal	<a href="#">47534</a>
CIELab	<a href="#">67.84, -41.06, -5.54</a>
CIELCh	<a href="#">68, 41.434, 187.679</a>
Yxy	<a href="#">37.7539, 0.2298, 0.3471</a>
Android (android.graphics.Color)	<a href="#">4278237614</a> ( <a href="#">0xFF00B9AE</a> )
YUV	<a href="#">128.4310, 22.4655, -112.6340</a>
Hunter-Lab	<a href="#">61.4442, -34.9326, -1.3904</a>

# Details

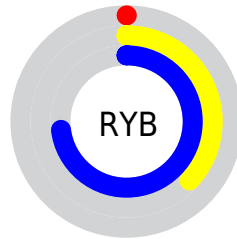
The Hex color **00B9AE** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **B9000B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **63F2E5**, and **00837A** is the 20% darker color. If you saturate the color by 10%, you get **00B9AE**, and if you desaturate by 10%, it is **12B9AF**.

# Distribution



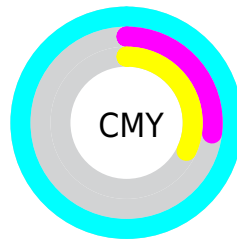
- Red (0%)
- Green (73%)
- Blue (68%)



- Red (0%)
- Yellow (37%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00B9AE 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 Hex color 00B9AE by changing the saturation by 10% instead.



 00B9AE

 00B9AE

FFFFFF

 009E93

 63F2E5

 00837A

 84FFFF

 006961

 A3FFFF

 005049

 C1FFFF

 003833

 E0FFFF

 00231E

 000004

 000000

 00B9AE

 12B9AF

 25B9B0

 38B9B1

 4AB9B2

 5DB9B4

 6FB9B5

 82B9B6

 94B9B7

 A7B9B8

# Harmonies

## Analogous

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



5BB788



00B9AE



00B7D2

# Triad

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



00B9AE



B698E1



D49960

# Complementary

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



00B9AE



B9000B

# 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.



E98D79



00B9AE



DC8CC2

# Square

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



00B9AE



7CA6EF



ED879D



B4A65A

# Rectangle

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



00B9AE



00B3E4



ED879D



DD9567



# Sweetspot

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



00B9AE



A8F0EB



0CB900



4D7875



F7F7F7



787878



# Same Dimension

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



00B9AE



00F0E1



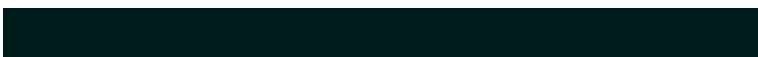
0069B9



535C5B



009C92



001C1A



# Inverse Universe

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



B9000B



F0000E



B95000



5C5353



9C0009



1C0002



# Previews

## White Background



This preview shows how the Hex color 00B9AE looks on a white background.

## Color Contrast Check

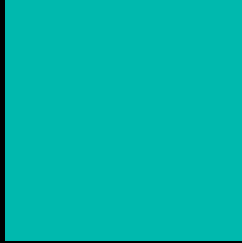
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 00B9AE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

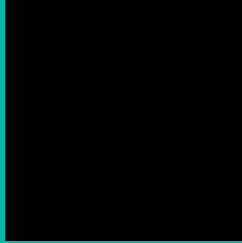
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

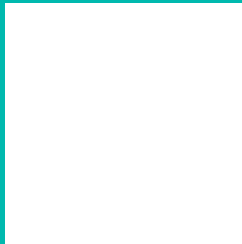
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00B9AE Background



This preview shows how black text looks on a background with the Hex color 00B9AE.

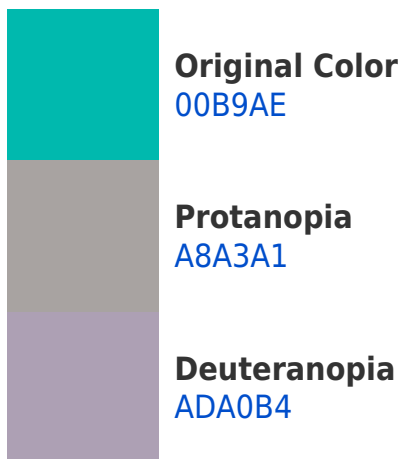


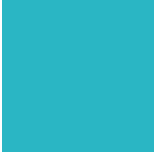
This preview shows how white text looks on a background with the Hex color 00B9AE.

# 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**  
2AB6C4

# Trichromacy



**Original Color**  
00B9AE



**Protanomaly**  
6BABA6



**Deuteranomaly**  
6EA9B2



**Tritanomaly**  
1BB7BC

# Monochromacy



**Original Color**  
00B9AE



**Achromatopsia**  
808080



**Achromatomaly**  
519591

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00B9AE 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 #00B9AE looks like.

```
.text, #text, p{  
    color:#00B9AE  
}
```

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 #00B9AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B9AE
}
```

## Border

The CSS property to change the border of an element to Hex 00B9AE 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
#00B9AE }
```

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

```
.border{ border-color:#00B9AE }
```

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

Here you see how a box with a 4 pixel #00B9AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B9AE; -webkit-box-shadow:4px 4px  
4px 4px #00B9AE; box-shadow:4px 4px 4px  
4px #00B9AE }
```

# Background

The CSS property to change the background color of an element to Hex 00B9AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B9AE }
```

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

```
.background{ background-color:#00B9AE }
```

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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