

# Converting Colors

Hex(00B9C6)

Have a look what the booklet for  
Hex(00B9C6) contains.

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**Color**

**Hex(00B9C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B9C6
RGB	0, 185, 198
RGB Percent	0%, 73%, 78%
CMY	1.0000, 0.2745, 0.2235
CMYK	1.00, 0.07, 0.00, 0.22
HSL	184°, 100%, 39%
HSV	184°, 100%, 78%
XYZ	27.5420, 38.7751, 59.4588
YIQ	131.1670, -114.4330, -35.1770

# Conversions

## Conversions Part 2

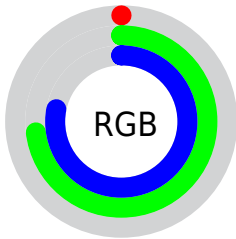
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	0, 96, 198
Decimal	47558
CIELab	68.59, -33.74, -17.63
CIELCh	69, 38.065, 207.595
Yxy	38.7751, 0.2190, 0.3083
Android (android.graphics.Color)	4278237638 (0xFF00B9C6)
YUV	131.1670, 32.9487, -115.0335
Hunter-Lab	62.2697, -30.0211, -13.0248

# Details

The Hex color **00B9C6** 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 **C60D00**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **67F2FF**, and **008390** is the 20% darker color. If you saturate the color by 10%, you get **00B9C6**, and if you desaturate by 10%, it is **14BAC6**.

# Distribution



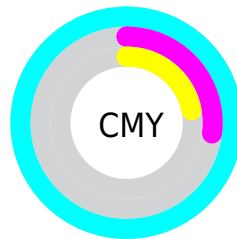
- Red (0%)
- Green (73%)
- Blue (78%)



- Red (0%)
- Yellow (38%)
- Blue (78%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (27%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00B9C6 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 00B9C6 by changing the saturation by 10% instead.



 00B9C6

 00B9C6

FFFFFF

 009EAB

 67F2FF

 008390

 87FFFF

 006A77

 A7FFFF

 00515E

 C6FFFF

 003946

 E5FFFF

 002530

 00011B

 000000

 00B9C6

 14BAC6

 28BCC6

 3BBDC6

 4FBEC6

 63C0C6

 77C1C6

 8BC2C6

 9EC3C6

 B2C5C6

# Harmonies

## Analogous

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



44B9A3



00B9C6



2DB4E1

# Triad

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



00B9C6



D093CD



C0A462

# Complementary

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



00B9C6



C60D00

# 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.



DB986E



00B9C6



E68DAB

# Square

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



00B9C6



A79FE4



E98F89



9DAF69

# Rectangle

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



00B9C6



5BAFEA



E98F89



CAA064



# Sweetspot

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



00B9C6



B3FAFF



00C60A



527C80



000000



808080



# Same Dimension

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



00B9C6



00EEFF



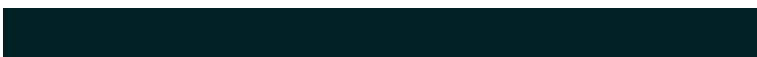
0059C6



5A6363



0098A3



002124



# Inverse Universe

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



C600B9



FF00EE



C66D00



635A63



A30098

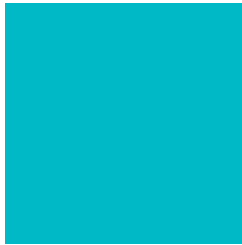


240021



# Previews

## White Background



This preview shows how the Hex color 00B9C6 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 00B9C6 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 00B9C6 Background



This preview shows how black text looks on a background with the Hex color 00B9C6.

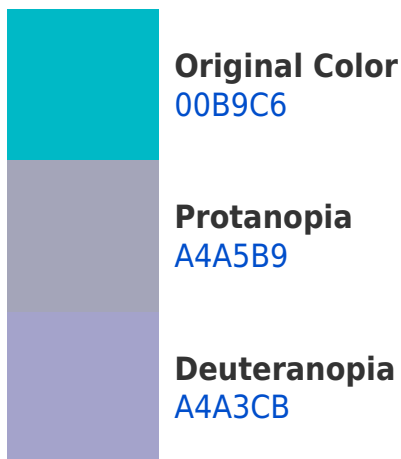


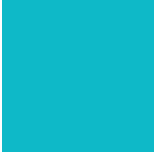
This preview shows how white text looks on a background with the Hex color 00B9C6.

# 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



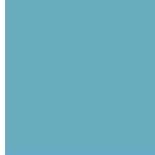


**Tritanopia**  
0EB9C8

# Trichromacy



**Original Color**  
00B9C6



**Protanomaly**  
68ACBE



**Deuteranomaly**  
68ABC9



**Tritanomaly**  
09B9C7

# Monochromacy



**Original Color**  
00B9C6



**Achromatopsia**  
838383



**Achromatomaly**  
53979B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00B9C6 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 #00B9C6 looks like.

```
.text, #text, p{  
    color:#00B9C6  
}
```

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 #00B9C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B9C6
}
```

## Border

The CSS property to change the border of an element to Hex 00B9C6 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
#00B9C6 }
```

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

```
.border{ border-color:#00B9C6 }
```

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

Here you see how a box with a 4 pixel #00B9C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B9C6; -webkit-box-shadow:4px 4px  
4px 4px #00B9C6; box-shadow:4px 4px 4px  
4px #00B9C6 }
```

# Background

The CSS property to change the background color of an element to Hex 00B9C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B9C6 }
```

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

```
.background{ background-color:#00B9C6 }
```

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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