

# Converting Colors

Hex(00B0B3)

Have a look what the booklet for  
Hex(00B0B3) contains.

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# Color

Hex(00B0B3)

# Conversions

## Conversions Part 1

Format	Color
Hex	00B0B3
RGB	0, 176, 179
RGB Percent	0%, 69%, 70%
CMY	1.0000, 0.3098, 0.2980
CMYK	1.00, 0.02, 0.00, 0.30
HSL	181°, 100%, 35%
HSV	181°, 100%, 70%
XYZ	23.6620, 34.3053, 48.0223
YIQ	123.7180, -105.8590, -36.3790

# Conversions

## Conversions Part 2

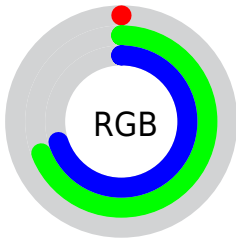
Format	Color
<a href="#">RYB</a>	0, 89, 179
Decimal	45235
CIELab	65.20, -35.48, -12.23
CIElCh	65, 37.528, 199.021
Yxy	34.3053, 0.2232, 0.3237
Android (android.graphics.Color)	4278235315 (0xFF00B0B3)
YUV	123.7180, 27.2540, -108.5007
Hunter-Lab	58.5708, -30.3866, -7.6125

# Details

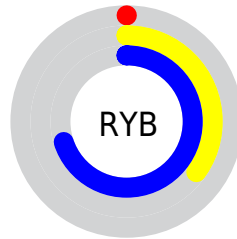
The Hex color **00B0B3** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B30300**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **62E8EB**, and **007B7E** is the 20% darker color. If you saturate the color by 10%, you get **00B0B3**, and if you desaturate by 10%, it is **12B0B3**.

# Distribution



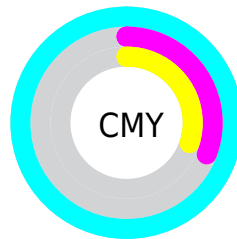
- Red (0%)
- Green (69%)
- Blue (70%)



- Red (0%)
- Yellow (35%)
- Blue (70%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (31%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00B0B3 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 00B0B3 by changing the saturation by 10% instead.



 00B0B3

 00B0B3

FFFFFF

 009598

 62E8EB

 007B7E

 82FFFF

 006165

 A1FFFF

 00494D

 C0FFFF

 003137

 DEFFFF

 001C21

FDFFFF

 00000A

 000000

 00B0B3

 12B0B3

 24B1B3

 36B1B3

 48B1B3

 5AB1B3

 6BB2B3

 7DB2B3

 8FB2B3

 A1B3B3

# Harmonies

## Analogous

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



4BAF90



00B0B3



00ADD0

# Triad

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



00B0B3



BC8ECB



BF985C

# Complementary

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



00B0B3



B30300

# 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.



D68C6D



00B0B3



D785AC

# Square

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



00B0B3



909ADE



E0858A



9FA35D

# Rectangle

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



00B0B3



3EA8DC



E0858A



C89460



# Sweetspot

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



00B0B3



A2E7E8



00B303



4B7575



F5F5F5



757575



# Same Dimension

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



00B0B3



00E4E8



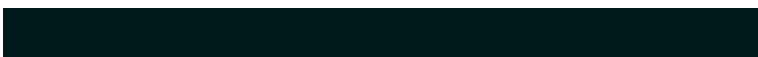
0057B3



505959



009699



00191A



# Inverse Universe

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



B300B0



E800E4



B35C00



595059



990096



1A0019



# Previews

## White Background



This preview shows how the Hex color 00B0B3 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 00B0B3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

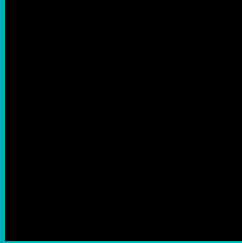
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00B0B3 Background



This preview shows how black text looks on a background with the Hex color 00B0B3.

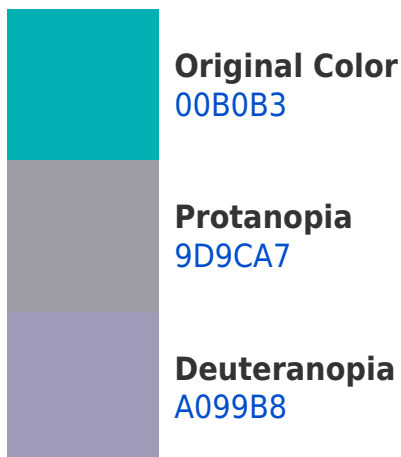


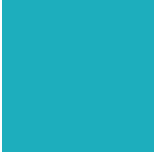
This preview shows how white text looks on a background with the Hex color 00B0B3.

# 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





# Trichromacy



**Original Color**  
00B0B3



**Protanomaly**  
64A3AB



**Deuteranomaly**  
66A1B6



**Tritanomaly**  
12AFB9

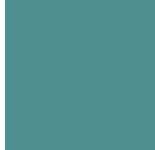
# Monochromacy



**Original Color**  
00B0B3



**Achromatopsia**  
7C7C7C



**Achromatomaly**  
4F8F90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00B0B3 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 #00B0B3 looks like.

```
.text, #text, p{  
    color:#00B0B3  
}
```

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 #00B0B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B0B3
}
```

## Border

The CSS property to change the border of an element to Hex 00B0B3 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
#00B0B3 }
```

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

```
.border{ border-color:#00B0B3 }
```

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

Here you see how a box with a 4 pixel #00B0B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B0B3; -webkit-box-shadow:4px 4px  
4px 4px #00B0B3; box-shadow:4px 4px 4px  
4px #00B0B3 }
```

# Background

The CSS property to change the background color of an element to Hex 00B0B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B0B3 }
```

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

```
.background{ background-color:#00B0B3 }
```

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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