

# Converting Colors

Hex(00B3A3)

Have a look what the booklet for  
Hex(00B3A3) contains.

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**Color**

**Hex(00B3A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B3A3
RGB	0, 179, 163
RGB Percent	0%, 70%, 64%
CMY	1.0000, 0.2980, 0.3608
CMYK	1.00, 0.00, 0.09, 0.30
HSL	175°, 100%, 35%
HSV	175°, 100%, 70%
XYZ	22.7310, 34.8845, 40.1857
YIQ	123.6550, -101.5480, -42.9240

# Conversions

## Conversions Part 2

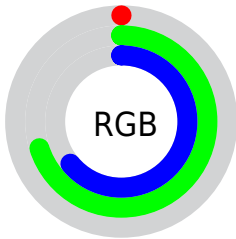
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 94, 179
Decimal	45987
CIELab	65.66, -41.62, -2.67
CIELCh	66, 41.704, 183.671
Yxy	34.8845, 0.2324, 0.3567
Android (android.graphics.Color)	4278236067 (0xFF00B3A3)
YUV	123.6550, 19.3971, -108.4454
Hunter-Lab	59.0631, -34.6632, 1.0042

# Details

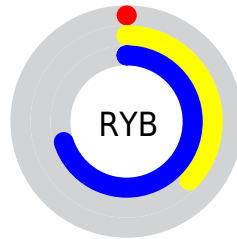
The Hex color **00B3A3** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **B30010**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **61ECDA**, and **007D6F** is the 20% darker color. If you saturate the color by 10%, you get **00B3A3**, and if you desaturate by 10%, it is **12B3A5**.

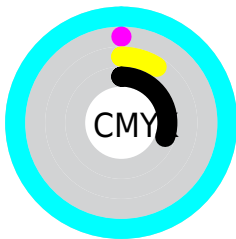
# Distribution



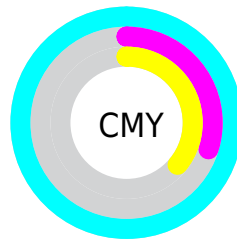
- Red (0%)
- Green (70%)
- Blue (64%)



- Red (0%)
- Yellow (37%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00B3A3 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 00B3A3 by changing the saturation by 10% instead.



 00B3A3

 00B3A3

FFFFFF

 009889

 61ECDA

 007D6F

 81FFF6

 006457

 9FFFFFF

 004B40

 BEFFFF

 00332A

 DCFFFF

 001D16

 FBFFFF

 000000

 00B3A3

 12B3A5

 24B3A6

 36B3A8

 48B3A9

 5AB3AB

 6BB3AD

 7DB3AE

 8FB3B0

 A1B3B1

# Harmonies

## Analogous

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



5CB07D



00B3A3



00B2C8

# Triad

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



00B3A3



A994DE



D2925D

# Complementary

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



00B3A3



B30010

# 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.



E48678



00B3A3



D287C1

# Square

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



00B3A3



6CA2EA



E5819C



B29F53

# Rectangle

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



00B3A3



00AFDB



E5819C



D98D64



# Sweetspot

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



00B3A3



A2E8E2



12B300



4B7572



F5F5F5



757575



# Same Dimension

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



00B3A3



00E8D3



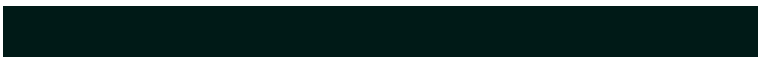
006BB3



505958



00998B



001A17



# Inverse Universe

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



B30010



E80015



B34800



595051



99000E



1A0002



# Previews

## White Background



This preview shows how the Hex color 00B3A3 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 00B3A3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

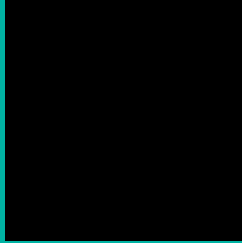
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00B3A3 Background



This preview shows how black text looks on a background with the Hex color 00B3A3.

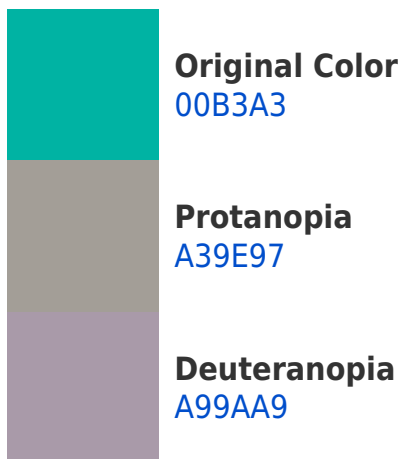


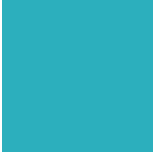
This preview shows how white text looks on a background with the Hex color 00B3A3.

# 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



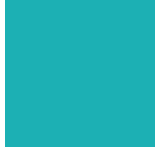
**Original Color**  
00B3A3



**Protanomaly**  
68A69B



**Deuteranomaly**  
6CA3A7



**Tritanomaly**  
1CB0B4

# Monochromacy



**Original Color**  
00B3A3



**Achromatopsia**  
7C7C7C



**Achromatomaly**  
4F908A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00B3A3 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 #00B3A3 looks like.

```
.text, #text, p{  
    color:#00B3A3  
}
```

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 #00B3A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B3A3
}
```

## Border

The CSS property to change the border of an element to Hex 00B3A3 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
#00B3A3 }
```

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

```
.border{ border-color:#00B3A3 }
```

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

Here you see how a box with a 4 pixel #00B3A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B3A3; -webkit-box-shadow:4px 4px  
4px 4px #00B3A3; box-shadow:4px 4px 4px  
4px #00B3A3 }
```

# Background

The CSS property to change the background color of an element to Hex 00B3A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B3A3 }
```

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

```
.background{ background-color:#00B3A3 }
```

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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