

Converting Colors

Hex(00B0A0)

Have a look what the booklet for
Hex(00B0A0) contains.

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Color

Hex(00B0A0)

Conversions

Conversions Part 1

Format	Color
Hex	00B0A0
RGB	0, 176, 160
RGB Percent	0%, 69%, 63%
CMY	1.0000, 0.3098, 0.3725
CMYK	1.00, 0.00, 0.09, 0.31
HSL	175°, 100%, 35%
HSV	175°, 100%, 69%
XYZ	21.8705, 33.5887, 38.5883
YIQ	121.5520, -99.7600, -42.2880

Conversions

Conversions Part 2

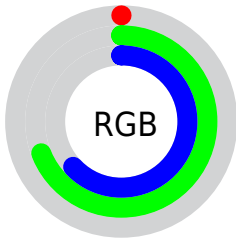
Format	Color
RYB	0, 92, 176
Decimal	45216
CIELab	64.63, -41.17, -2.51
CIELCh	65, 41.249, 183.487
Yxy	33.5887, 0.2325, 0.3571
Android (android.graphics.Color)	4278235296 (0xFF00B0A0)
YUV	121.5520, 18.9549, -106.6011
Hunter-Lab	57.9558, -34.0629, 1.0924

Details

The Hex color **00B0A0** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B00010**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **60E8D7**, and **007A6D** is the 20% darker color. If you saturate the color by 10%, you get **00B0A0**, and if you desaturate by 10%, it is **12B0A2**.

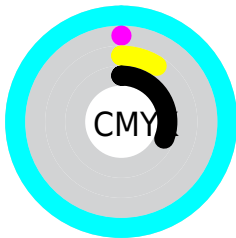
Distribution



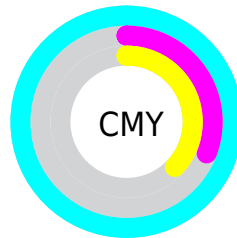
- Red (0%)
- Green (69%)
- Blue (63%)



- Red (0%)
- Yellow (36%)
- Blue (69%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (31%)



- Cyan (100%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B0A0 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 00B0A0 by changing the saturation by 10% instead.

 00B0A0

 00B0A0

FFFFFF

 009586

 60E8D7

 007A6D

 80FFF3

 006154

 9EFFFF

 00483D

 BDFFFF

 003128

 DBFFFF

 001913

 F9FFFF

 000000

 00B0A0

 12B0A2

 23B0A3

 35B0A5

 46B0A6

 58B0A8

 6AB0AA

 7BB0AB

 8DB0AD

 9EB0AE

Harmonies

Analogous

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



5AAD7B



00B0A0



00AFC4

Triad

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



00B0A0



A692DA



CE8F5B

Complementary

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



00B0A0



B00010

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.



E18376



00B0A0



CE85BE

Square

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



00B0A0



6A9FE6



E27F9A



B09C52

Rectangle

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



00B0A0



00ACD7



E27F9A



D68B63

Sweetspot

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



00B0A0



A1E6DF



12B000



49736F



F2F2F2



737373

Same Dimension

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



00B0A0



00E6D1



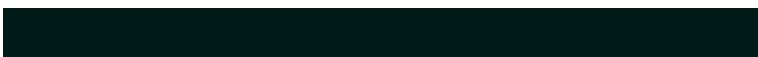
006AB0



505958



00998B



001A17

Inverse Universe

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



B00010



E60015



B04600



595051



99000E



1A0002

Previews

White Background



This preview shows how the Hex color 00B0A0 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 00B0A0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

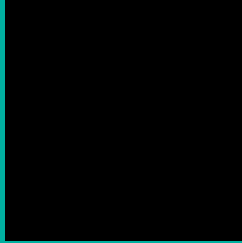
Any Text WCAG AA ✓ Pass

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 00B0A0 Background



This preview shows how black text looks on a background with the Hex color 00B0A0.

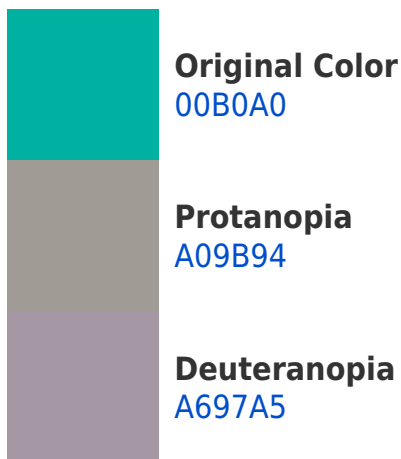


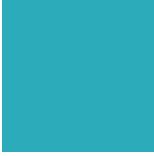
This preview shows how white text looks on a background with the Hex color 00B0A0.

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
00B0A0



Protanomaly
66A398



Deuteranomaly
6AA0A3



Tritanomaly
1CADB1

Monochromacy



Original Color
00B0A0



Achromatopsia
7A7A7A



Achromatomaly
4E8E88

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B0A0 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 #00B0A0 looks like.

```
.text, #text, p{  
    color:#00B0A0  
}
```

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 #00B0A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B0A0
}
```

Border

The CSS property to change the border of an element to Hex 00B0A0 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
#00B0A0 }
```

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

```
.border{ border-color:#00B0A0 }
```

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

Here you see how a box with a 4 pixel #00B0A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B0A0; -webkit-box-shadow:4px 4px  
4px 4px #00B0A0; box-shadow:4px 4px 4px  
4px #00B0A0 }
```

Background

The CSS property to change the background color of an element to Hex 00B0A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B0A0 }
```

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

```
.background{ background-color:#00B0A0 }
```

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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