

Converting Colors

Hex(00BFAA)

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

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Color

Hex(00BFAA)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00BFAA |
| RGB | 0, 191, 170 |
| RGB Percent | 0%, 75%, 67% |
| CMY | 1.0000, 0.2510, 0.3333 |
| CMYK | 1.00, 0.00, 0.11, 0.25 |
| HSL | 173°, 100%, 37% |
| HSV | 173°, 100%, 75% |
| XYZ | 25.8865, 40.1639, 44.4183 |
| YIQ | 131.4970, -107.0950, -47.0230 |

Conversions

Conversions Part 2

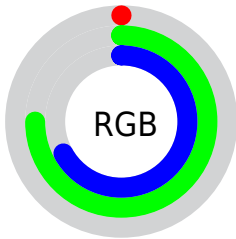
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 101, 191 |
| Decimal | 49066 |
| CIELab | 69.59, -44.80, -0.77 |
| CIELCh | 70, 44.810, 180.982 |
| Yxy | 40.1639, 0.2343, 0.3636 |
| Android (android.graphics.Color) | 4278239146 (0xFF00BFAA) |
| YUV | 131.4970, 18.9820, -115.3229 |
| Hunter-Lab | 63.3750, -37.9951, 2.8073 |

Details

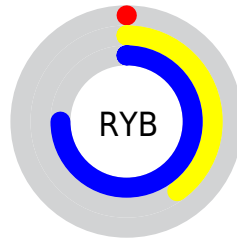
The Hex color **00BFAA** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **BF0015**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **64F8E1**, and **008976** is the 20% darker color. If you saturate the color by 10%, you get **00BFAA**, and if you desaturate by 10%, it is **13BFAC**.

Distribution



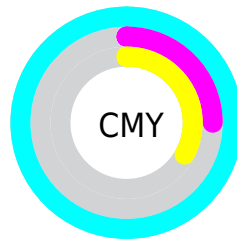
- Red (0%)
- Green (75%)
- Blue (67%)



- Red (0%)
- Yellow (40%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 00BFAA

 00BFAA

FFFFFF

 00A390

 64F8E1

 008976

 85FFFE

 006E5D

 A4FFFF

 005546

 C2FFFF

 003D30

 E1FFFF

 00271B

 000000

 00BFAA

 13BFAC

 26BFAE

 39BFB0

 4CBFB2

 60BFB4

 73BFB7

 86BFB9

 99BFBB

 ACBFBD

Harmonies

Analogous

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



65BC81



00BFAA



00BED3

Triad

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



00BFAA



AF9FF0



E39A64

Complementary

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



00BFAA



BF0015

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.



F58D82



00BFAA



DE90D2

Square

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



00BFAA



6AAEFB



F589AA



C2A857

Rectangle

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



00BFAA



00BBE8



F589AA



EB956C

Sweetspot

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



00BFAA



ADF7EF



16BF00



507D78



FCFCFC



7D7D7D

Same Dimension

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



00BFAA



00F7DC



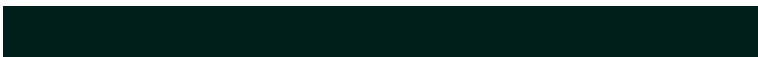
0076BF



555E5D



009E8D



001F1B

Inverse Universe

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



BF0015



F7001B



BF4900



5E5556



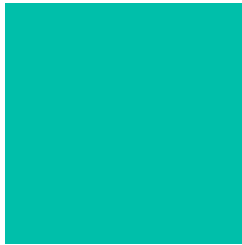
9E0011



1F0003

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

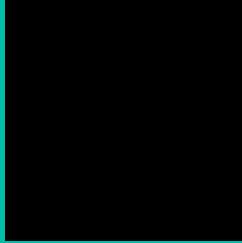
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

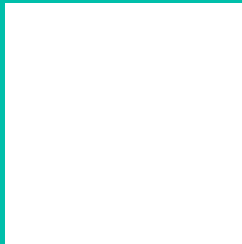
Any Text WCAG AAA ✓ Pass

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

Hex 00BFAA Background



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

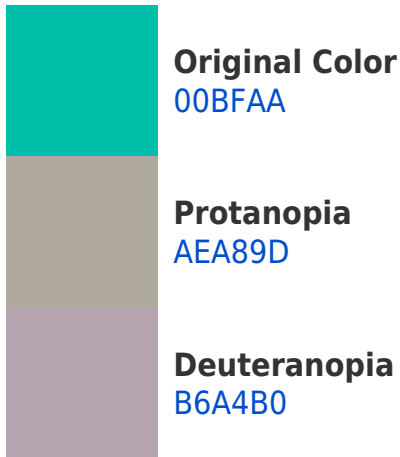


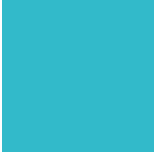
This preview shows how white text looks on a background with the Hex color 00BFAA.

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



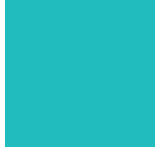
Original Color
00BFAA



Protanomaly
6FB0A2



Deuteranomaly
74AEAE



Tritanomaly
20BCBE

Monochromacy



Original Color
00BFAA



Achromatopsia
838383



Achromatomaly
539991

CSS Examples

Text

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

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

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 #00BFAA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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