

Converting Colors

Hex(00BFAC)

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

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Color

Hex(00BFAC)

Conversions

Conversions Part 1

Format	Color
Hex	00BFAC
RGB	0, 191, 172
RGB Percent	0%, 75%, 67%
CMY	1.0000, 0.2510, 0.3255
CMYK	1.00, 0.00, 0.10, 0.25
HSL	174°, 100%, 37%
HSV	174°, 100%, 75%
XYZ	26.0772, 40.2402, 45.4224
YIQ	131.7250, -107.7370, -46.4010

Conversions

Conversions Part 2

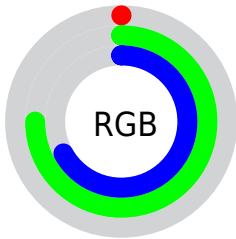
Format	Color
RYB	0, 100, 191
Decimal	49068
CIELab	69.64, -44.24, -1.78
CIELCh	70, 44.279, 182.310
Yxy	40.2402, 0.2334, 0.3601
Android (android.graphics.Color)	4278239148 (0xFF00BFAC)
YUV	131.7250, 19.8556, -115.5228
Hunter-Lab	63.4351, -37.6329, 1.9503

Details

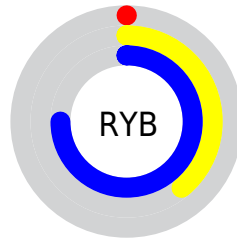
The Hex color **00BFAC** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **BF0013**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **64F8E3**, and **008978** is the 20% darker color. If you saturate the color by 10%, you get **00BFAC**, and if you desaturate by 10%, it is **13BFAE**.

Distribution



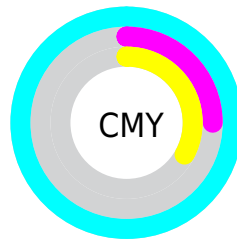
- Red (0%)
- Green (75%)
- Blue (67%)



- Red (0%)
- Yellow (39%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)



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

Brightness & Saturation Gradients

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

 00BFAC

 00BFAC


FFFFFF

 00A391

 64F8E3

 008978

 85FFFF

 006E5F

 A4FFFF

 005548

 C3FFFF

 003D31

 E1FFFF

 00281C

 000003

 000000

 00BFAC

 13BFAE

 26BFB0

 39BFB2

 4CBFB4

 60BFB6

 73BFB7

 86BFB9

 99BFBB

 ACBFBD

Harmonies

Analogous

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



64BC83



00BFAC



00BED4

Triad

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



00BFAC



B29EEE



E19B64

Complementary

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



00BFAC



BF0013

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.



F48E81



00BFAC



DF90D0

Square

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



00BFAC



6FADFA



F589A9



C0A958

Rectangle

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



00BFAC



00BBE9



F589A9



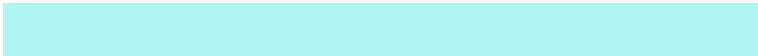
E9966C

Sweetspot

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



00BFAC



ADF7F0



13BF00



507D78



FCFCFC



7D7D7D

Same Dimension

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



00BFAC



00F7DF



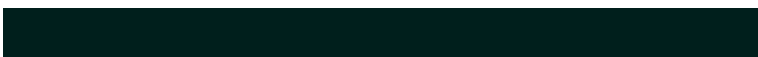
0073BF



555E5D



009E8E



001F1C

Inverse Universe

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



BF0013



F70019



BF4C00



5E5556



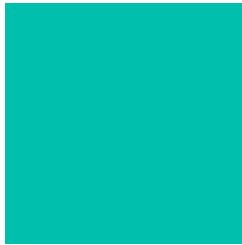
9E0010



1F0003

Previews

White Background



This preview shows how the Hex color 00BFAC looks on a white background.

Color Contrast Check

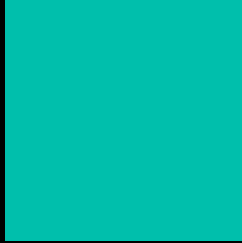
Large Text (above 18pt) WCAG AA × Fail

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 00BFAC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

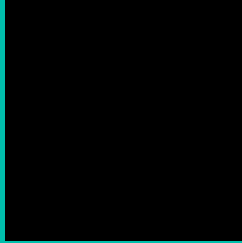
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

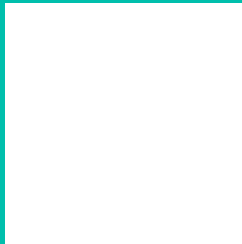
Any Text WCAG AAA ✓ Pass

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

Hex 00BFAC Background



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

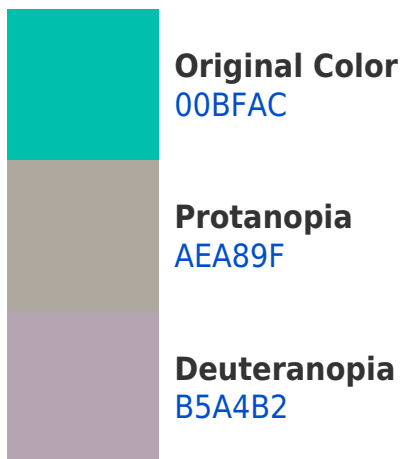


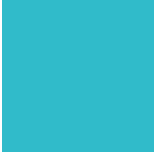
This preview shows how white text looks on a background with the Hex color 00BFAC.

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
30BBCA

Trichromacy



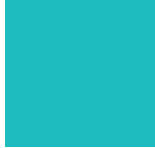
Original Color
00BFAC



Protanomaly
6FB0A4



Deuteranomaly
73AEBO



Tritanomaly
1FBCBF

Monochromacy



Original Color
00BFAC



Achromatopsia
848484



Achromatomaly
549993

CSS Examples

Text

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

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

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 #00BFAC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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