

# Converting Colors

Hex(00BFBC)

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

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# Color

Hex(00BFBC)

# Conversions

## Conversions Part 1

Format	Color
Hex	00BFBC
RGB	0, 191, 188
RGB Percent	0%, 75%, 74%
CMY	1.0000, 0.2510, 0.2627
CMYK	1.00, 0.00, 0.02, 0.25
HSL	179°, 100%, 37%
HSV	179°, 100%, 75%
XYZ	27.7079, 40.8924, 54.0096
YIQ	133.5490, -112.8730, -41.4250

# Conversions

## Conversions Part 2

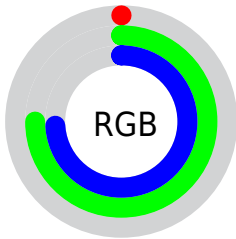
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 96, 191
Decimal	49084
CIELab	70.10, -39.59, -9.87
CIELCh	70, 40.803, 193.999
Yxy	40.8924, 0.2260, 0.3335
Android (android.graphics.Color)	4278239164 (0xFF00BFBC)
YUV	133.5490, 26.8443, -117.1225
Hunter-Lab	63.9472, -34.5647, -5.3131

# Details

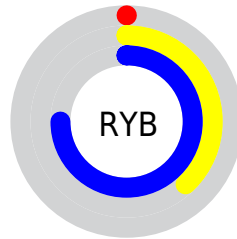
The Hex color **00BFBC** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **BF0003**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **66F8F4**, and **008987** is the 20% darker color. If you saturate the color by 10%, you get **00BFBC**, and if you desaturate by 10%, it is **13BFBC**.

# Distribution



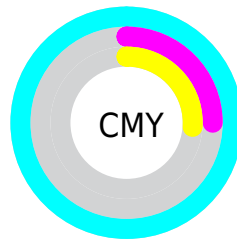
- Red (0%)
- Green (75%)
- Blue (74%)



- Red (0%)
- Yellow (38%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (26%)

# Brightness & Saturation Gradients

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



 00BFBC

 00BFBC

FFFFFF

 00A3A1

 66F8F4

 008987

 87FFFF

 006F6E

 A6FFFF

 005655

 C5FFFF

 003D3E

 E4FFFF

 002828

 000215

 000000

 00BFBC

 13BFBC

 26BFBD

 39BFBD

 4CBFBD

 60BFBE

 73BFBE

 86BFBE

 99BFBE

 ACBFBF

# Harmonies

## Analogous

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



58BE96



00BFBC



00BCDE

# Triad

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



00BFBC



C59BE1



D4A264

# Complementary

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



00BFBC



BF0003

# 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.



EC967A



00BFBC



E791C1

# Square

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



00BFBC



91A9F3



F38E9B



B2AF62

# Rectangle

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



00BFBC



2EB8ED



F38E9B



DE9E69



# Sweetspot

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



00BFBC



ADF7F6



03BF00



507D7C



FCFCFC



7D7D7D



# Same Dimension

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



00BFBC



00F7F3



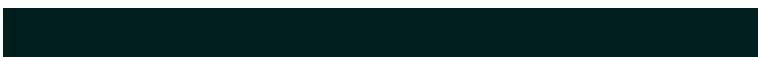
0063BF



555E5E



009E9C



001F1E



# Inverse Universe

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



BF0003



F70004



BF5C00



5E5555



9E0002



1F0000



# Previews

## White Background



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

## Color Contrast Check

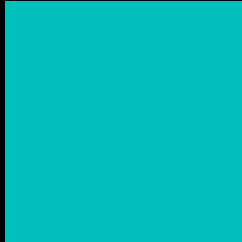
Large Text (above 18pt) WCAG AA × Fail

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 00BFBC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

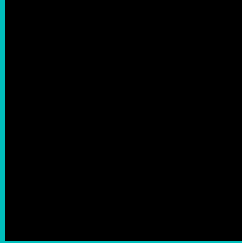
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

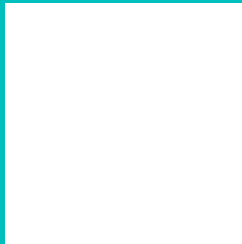
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00BFBC Background



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

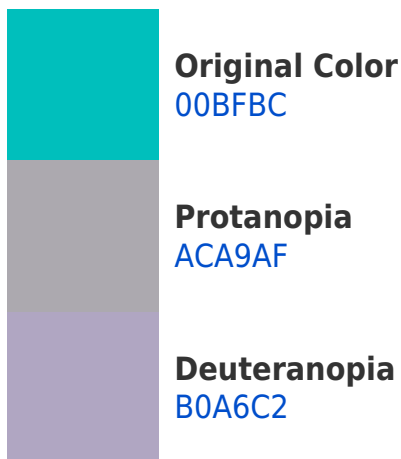


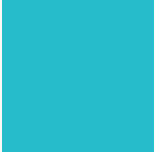
This preview shows how white text looks on a background with the Hex color 00BFBC.

# 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**  
00BFBC



**Protanomaly**  
6DB1B4



**Deuteranomaly**  
70AFCD



**Tritanomaly**  
18BEC6

# Monochromacy



**Original Color**  
00BFBC



**Achromatopsia**  
868686



**Achromatomaly**  
559B9A

# CSS Examples

## Text

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

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

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 #00BFBC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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