

# Converting Colors

Hex(00BF96)

Have a look what the booklet for  
Hex(00BF96) contains.

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**Color**

**Hex(00BF96)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BF96
RGB	0, 191, 150
RGB Percent	0%, 75%, 59%
CMY	1.0000, 0.2510, 0.4118
CMYK	1.00, 0.00, 0.21, 0.25
HSL	167°, 100%, 37%
HSV	167°, 100%, 75%
XYZ	24.1358, 39.4636, 35.1993
YIQ	129.2170, -100.6750, -53.2430

# Conversions

## Conversions Part 2

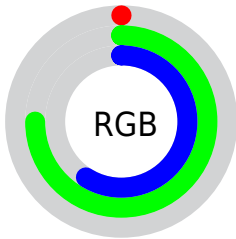
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 107, 191
Decimal	49046
CIELab	69.09, -50.12, 9.44
CIElCh	69, 51.005, 169.339
Yxy	39.4636, 0.2443, 0.3994
Android (android.graphics.Color)	4278239126 (0xFF00BF96)
YUV	129.2170, 10.2460, -113.3233
Hunter-Lab	62.8201, -41.3544, 10.7527

# Details

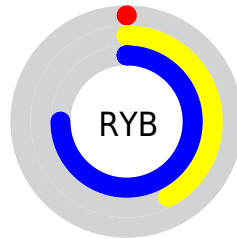
The Hex color **00BF96** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BF0029**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **63F8CC**, and **008863** is the 20% darker color. If you saturate the color by 10%, you get **00BF96**, and if you desaturate by 10%, it is **13BF9A**.

# Distribution



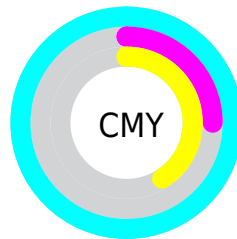
- Red (0%)
- Green (75%)
- Blue (59%)



- Red (0%)
- Yellow (42%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00BF96 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 00BF96 by changing the saturation by 10% instead.



 00BF96

 00BF96

FFFFFF

 00A37C

 63F8CC

 008863

 83FFE8

 006E4B

 A2FFFF

 005535

 C0FFFF

 003C1F

 DFFFFF

 002608

FEFFFF

 000000

 00BF96

 13BF9A

 26BF9E

 39BFA2

 4CBFA6

 60BFAA

 73BFAF

 86BFB3

 99BFB7

 ACBFBB

# Harmonies

## Analogous

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



71BA6A



00BF96



00C0C6

# Triad

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



00BF96



91A3FF



F28F64

# Complementary

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



00BF96



BF0029

# 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.



FF838D



00BF96



D191E5

# Square

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



00BF96



00B2FF



F683BB



D2A04C

# Rectangle

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



00BF96



00BEE2



F683BB



F98A70

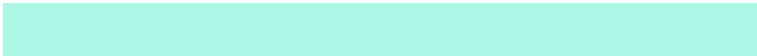


# Sweetspot

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



00BF96



ADF7E7



29BF00



507D73



FCFCFC



7D7D7D



# Same Dimension

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



00BF96



00F7C2



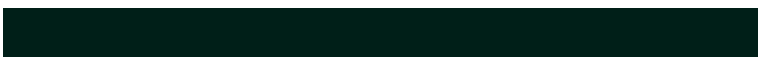
0089BF



555E5C



009E7C



001F18



# Inverse Universe

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



BF0029



F70035



BF3600



5E5557



9E0022

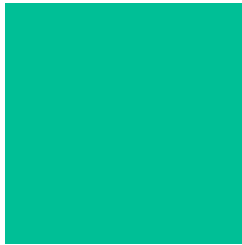


1F0007



# Previews

## White Background



This preview shows how the Hex color 00BF96 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 00BF96 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

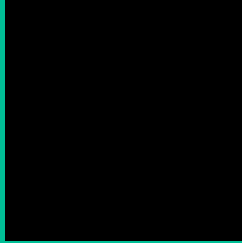
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00BF96 Background



This preview shows how black text looks on a background with the Hex color 00BF96.

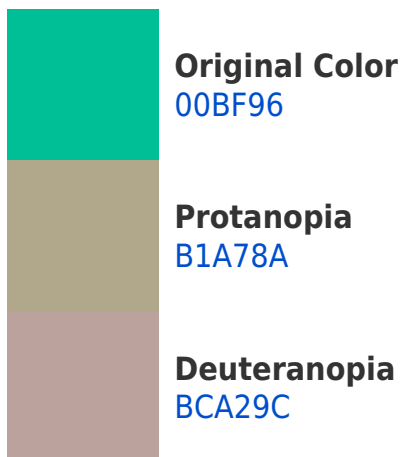


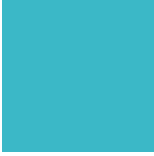
This preview shows how white text looks on a background with the Hex color 00BF96.

# 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**  
3BB8C7

# Trichromacy



**Original Color**  
00BF96



**Protanomaly**  
71B08E



**Deuteranomaly**  
78AD9A



**Tritanomaly**  
26BBB5

# Monochromacy



**Original Color**  
00BF96



**Achromatopsia**  
818181



**Achromatomaly**  
529889

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00BF96 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 #00BF96 looks like.

```
.text, #text, p{  
    color:#00BF96  
}
```

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 #00BF96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BF96
}
```

## Border

The CSS property to change the border of an element to Hex 00BF96 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
#00BF96 }
```

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

```
.border{ border-color:#00BF96 }
```

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

Here you see how a box with a 4 pixel #00BF96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BF96; -webkit-box-shadow:4px 4px  
4px 4px #00BF96; box-shadow:4px 4px 4px  
4px #00BF96 }
```

# Background

The CSS property to change the background color of an element to Hex 00BF96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BF96 }
```

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

```
.background{ background-color:#00BF96 }
```

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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