

Converting Colors

Hex(00BF97)

Have a look what the booklet for
Hex(00BF97) contains.

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Color

Hex(00BF97)

Conversions

Conversions Part 1

Format	Color
Hex	00BF97
RGB	0, 191, 151
RGB Percent	0%, 75%, 59%
CMY	1.0000, 0.2510, 0.4078
CMYK	1.00, 0.00, 0.21, 0.25
HSL	167°, 100%, 37%
HSV	167°, 100%, 75%
XYZ	24.2167, 39.4960, 35.6253
YIQ	129.3310, -100.9960, -52.9320

Conversions

Conversions Part 2

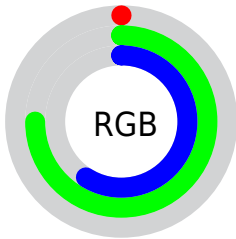
Format	Color
RYB	0, 107, 191
Decimal	49047
CIELab	69.11, -49.87, 8.92
CIELCh	69, 50.664, 169.854
Yxy	39.4960, 0.2438, 0.3976
Android (android.graphics.Color)	4278239127 (0xFF00BF97)
YUV	129.3310, 10.6828, -113.4233
Hunter-Lab	62.8458, -41.1978, 10.3825

Details

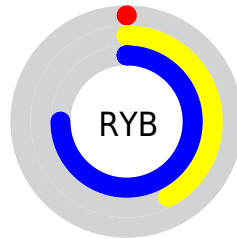
The Hex color **00BF97** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BF0028**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **63F8CD**, and **008864** is the 20% darker color. If you saturate the color by 10%, you get **00BF97**, and if you desaturate by 10%, it is **13BF9B**.

Distribution



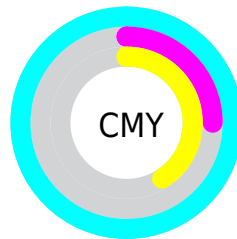
- Red (0%)
- Green (75%)
- Blue (59%)



- 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 00BF97 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 00BF97 by changing the saturation by 10% instead.

 00BF97

 00BF97

FFFFFF

 00A37D

 63F8CD

 008864

 83FFE9

 006E4C

 A2FFFF

 005535

 C0FFFF

 003C20

 DFFFFF

 00260A

FEFFFF

 000000

 00BF97

 13BF9B

 26BF9F

 39BFA3

 4CBFA7

 60BFAB

 73BFAF

 86BFB3

 99BFB7

 ACBFBB

Harmonies

Analogous

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



70BA6B



00BF97



00C0C6

Triad

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



00BF97



93A3FF



F19064

Complementary

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



00BF97



BF0028

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.



FF838C



00BF97



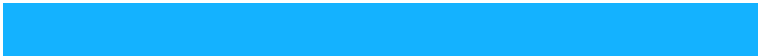
D291E4

Square

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



00BF97



14B2FF



F684BA



D1A14C

Rectangle

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



00BF97



00BEE2



F684BA



F88B70

Sweetspot

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



00BF97



ADF7E8



29BF00



507D74



FCFCFC



7D7D7D

Same Dimension

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



00BF97



00F7C4



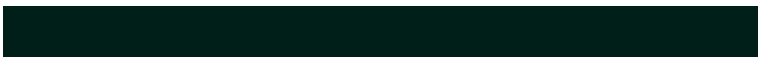
0089BF



555E5C



009E7D



001F18

Inverse Universe

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



BF0028



F70034



BF3600



5E5557



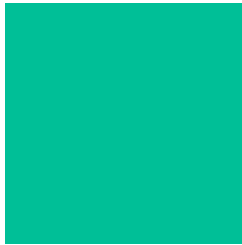
9E0021



1F0006

Previews

White Background



This preview shows how the Hex color 00BF97 looks on a white background.

Color Contrast Check

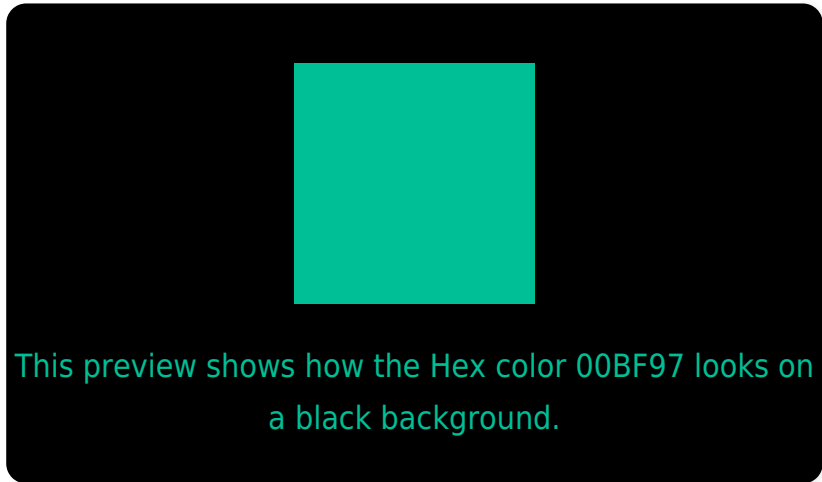
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

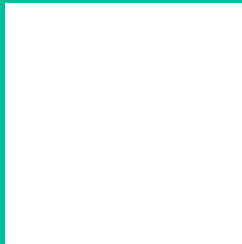
Any Text WCAG AAA ✓ Pass

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

Hex 00BF97 Background



This preview shows how black text looks on a background with the Hex color 00BF97.

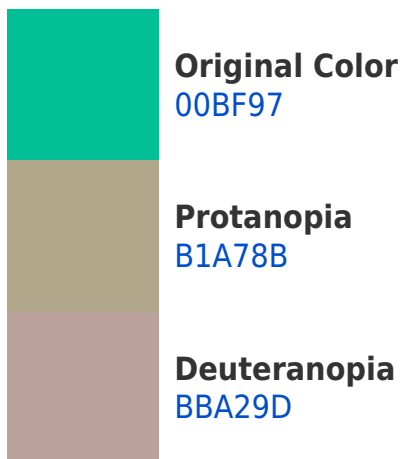


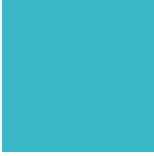
This preview shows how white text looks on a background with the Hex color 00BF97.

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
3AB8C7

Trichromacy



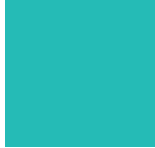
Original Color
00BF97



Protanomaly
71B08F

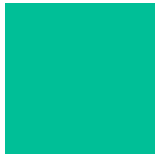


Deuteranomaly
77AD9B



Tritanomaly
25BBB6

Monochromacy



Original Color
00BF97



Achromatopsia
818181



Achromatomaly
529889

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BF97 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 #00BF97 looks like.

```
.text, #text, p{  
    color:#00BF97  
}
```

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 #00BF97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BF97
}
```

Border

The CSS property to change the border of an element to Hex 00BF97 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
#00BF97 }
```

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

```
.border{ border-color:#00BF97 }
```

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

Here you see how a box with a 4 pixel #00BF97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BF97; -webkit-box-shadow:4px 4px  
4px 4px #00BF97; box-shadow:4px 4px 4px  
4px #00BF97 }
```

Background

The CSS property to change the background color of an element to Hex 00BF97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BF97 }
```

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

```
.background{ background-color:#00BF97 }
```

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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