

Converting Colors

Hex(00BB7C)

Have a look what the booklet for
Hex(00BB7C) contains.

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Color

Hex(00BB7C)

Conversions

Conversions Part 1

Format	Color
Hex	00BB7C
RGB	0, 187, 124
RGB Percent	0%, 73%, 49%
CMY	1.0000, 0.2667, 0.5137
CMYK	1.00, 0.00, 0.34, 0.27
HSL	160°, 100%, 37%
HSV	160°, 100%, 73%
XYZ	21.4084, 36.9959, 25.0814
YIQ	123.9050, -91.2290, -59.2370

Conversions

Conversions Part 2

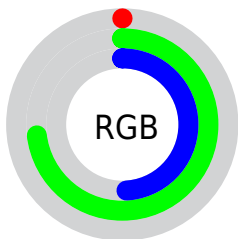
Format	Color
RYB	0, 112, 187
Decimal	47996
CIELab	67.27, -54.72, 20.97
CIELCh	67, 58.603, 159.028
Yxy	36.9959, 0.2564, 0.4431
Android (android.graphics.Color)	4278238076 (0xFF00BB7C)
YUV	123.9050, 0.0468, -108.6647
Hunter-Lab	60.8242, -43.6155, 18.1283

Details

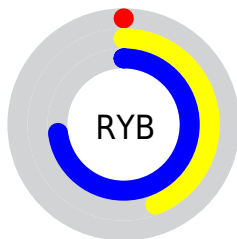
The Hex color **00BB7C** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **BB003F**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **61F4B1**, and **00844B** is the 20% darker color. If you saturate the color by 10%, you get **00BB7C**, and if you desaturate by 10%, it is **13BB82**.

Distribution



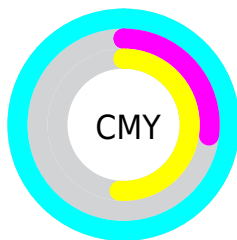
- Red (0%)
- Green (73%)
- Blue (49%)



- Red (0%)
- Yellow (44%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BB7C 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 00BB7C by changing the saturation by 10% instead.

 00BB7C

 00BB7C

FFFFFF

 009F63

 61F4B1

 00844B

 80FFCC

 006A34

 9FFFE9

 00511D

 BDFFFF

 003806

 DCFFFF

 002100

 FAFFFF

 000000

 00BB7C

 13BB82

 25BB89

 38BB8F

 4BBB95

 5EBB9B

 70BBA2

 83BBA8

 96BBAE

 A8BBB5

Harmonies

Analogous

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



79B34D



00BB7C



00BEB3

Triad

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



00BB7C



5CA4FF



FD7F64

Complementary

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



00BB7C



BB003F

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.



FF7496



00BB7C



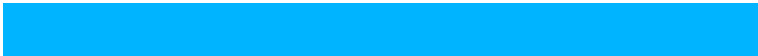
BC8FF6

Square

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



00BB7C



00B4FF



F07BCB



DF933E

Rectangle

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



00BB7C



00BDD6



F07BCB



FF7A74

Sweetspot

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



00BB7C



AAF2DA



41BB00



4E7A6C



FAFAFA



7A7A7A

Same Dimension

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



00BB7C



00F2A1



009FBB



555E5B



009E69



001F14

Inverse Universe

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



BB003F



F20052



BB1C00



5E5558



9E0035



1F000A

Previews

White Background



This preview shows how the Hex color 00BB7C looks on a white background.

Color Contrast Check

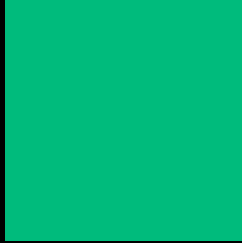
Large Text (above 18pt) WCAG AA × Fail

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 00BB7C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

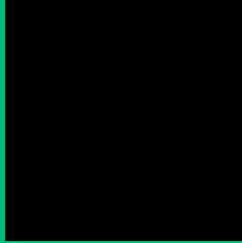
Any Text WCAG AA ✓ Pass

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 00BB7C Background



This preview shows how black text looks on a background with the Hex color 00BB7C.

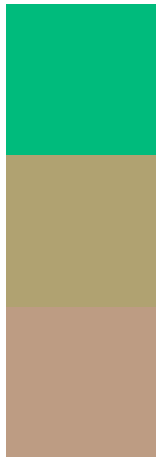


This preview shows how white text looks on a background with the Hex color 00BB7C.

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](#).

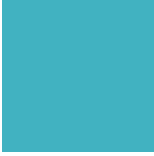
Dichromacy



Original Color
00BB7C

Protanopia
B0A271

Deuteranopia
BD9C83



Tritanopia
41B2C1

Trichromacy



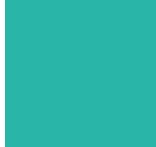
Original Color
00BB7C



Protanomaly
70AB75



Deuteranomaly
78A780



Tritanomaly
29B5A8

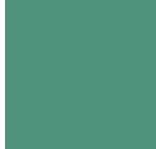
Monochromacy



Original Color
00BB7C



Achromatopsia
7C7C7C



Achromatomaly
4F937C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BB7C 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 #00BB7C looks like.

```
.text, #text, p{  
    color:#00BB7C  
}
```

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 #00BB7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BB7C
}
```

Border

The CSS property to change the border of an element to Hex 00BB7C 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
#00BB7C }
```

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

```
.border{ border-color:#00BB7C }
```

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

Here you see how a box with a 4 pixel #00BB7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BB7C; -webkit-box-shadow:4px 4px  
4px 4px #00BB7C; box-shadow:4px 4px 4px  
4px #00BB7C }
```

Background

The CSS property to change the background color of an element to Hex 00BB7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BB7C }
```

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

```
.background{ background-color:#00BB7C }
```

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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