

Converting Colors

Hex(00BF7C)

Have a look what the booklet for
Hex(00BF7C) contains.

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Color

Hex(00BF7C)

Conversions

Conversions Part 1

Format	Color
Hex	00BF7C
RGB	0, 191, 124
RGB Percent	0%, 75%, 49%
CMY	1.0000, 0.2510, 0.5137
CMYK	1.00, 0.00, 0.35, 0.25
HSL	159°, 100%, 37%
HSV	159°, 100%, 75%
XYZ	22.2689, 38.7168, 25.3682
YIQ	126.2530, -92.3290, -61.3290

Conversions

Conversions Part 2

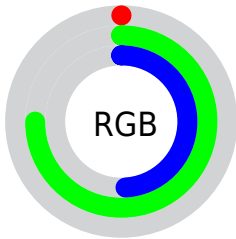
Format	Color
RYB	0, 116, 191
Decimal	49020
CIELab	68.55, -56.18, 22.70
CIELCh	69, 60.594, 157.997
Yxy	38.7168, 0.2579, 0.4484
Android (android.graphics.Color)	4278239100 (0xFF00BF7C)
YUV	126.2530, -1.1107, -110.7239
Hunter-Lab	62.2229, -45.0068, 19.3835

Details

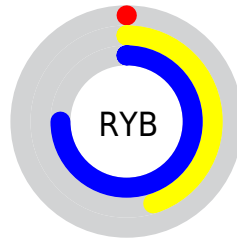
The Hex color **00BF7C** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **BF0043**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **62F9B1**, and **00884B** is the 20% darker color. If you saturate the color by 10%, you get **00BF7C**, and if you desaturate by 10%, it is **13BF83**.

Distribution



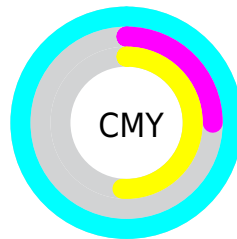
- Red (0%)
- Green (75%)
- Blue (49%)



- Red (0%)
- Yellow (45%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BF7C 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 00BF7C by changing the saturation by 10% instead.

 00BF7C

 00BF7C

FFFFFF

 00A363

 62F9B1

 00884B

 82FFCD

 006E33

 A0FFE9

 00541D

 BFFFFFF

 003B06

 DDDFFF

 002400

 FFFFFFF

 000000

 00BF7C

 13BF83

 26BF89

 39BF90

 4CBF97

 60BF9D

 73BFA4

 86BFAB

 99BFB2

 ACBFB8

Harmonies

Analogous

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



7DB74C



00BF7C



00C2B5

Triad

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



00BF7C



55A8FF



FF8067

Complementary

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



00BF7C



BF0043

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.



FF759B



00BF7C



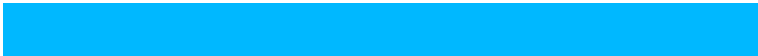
BD92FE

Square

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



00BF7C



00B8FF



F57DD1



E5963F

Rectangle

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



00BF7C



00C1D9



F57DD1



FF7B77

Sweetspot

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



00BF7C



ADF7DD



46BF00



507D6D



FCFCFC



7D7D7D

Same Dimension

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



00BF7C



00F7A1



00A6BF



555E5B



009E67



001F14

Inverse Universe

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



BF0043



F70057



BF1900



5E5558



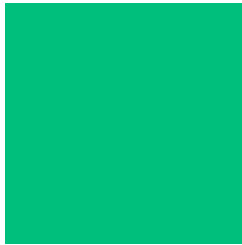
9E0037



1F000B

Previews

White Background



This preview shows how the Hex color 00BF7C 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 00BF7C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

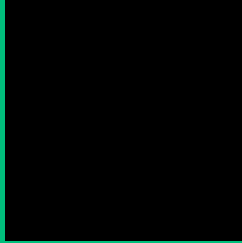
Any Text WCAG AA ✓ Pass

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 00BF7C Background



This preview shows how black text looks on a background with the Hex color 00BF7C.

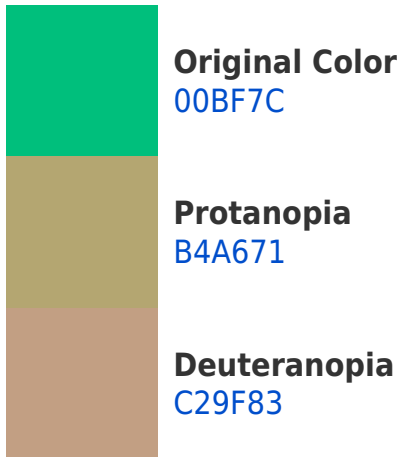


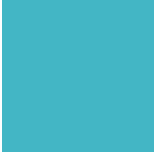
This preview shows how white text looks on a background with the Hex color 00BF7C.

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
43B6C5

Trichromacy



Original Color
00BF7C



Protanomaly
73AF75



Deuteranomaly
7BAB80



Tritanomaly
2BB9AA

Monochromacy



Original Color
00BF7C



Achromatopsia
7E7E7E



Achromatomaly
50967D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BF7C 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 #00BF7C looks like.

```
.text, #text, p{  
    color:#00BF7C  
}
```

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 #00BF7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BF7C
}
```

Border

The CSS property to change the border of an element to Hex 00BF7C 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
#00BF7C }
```

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

```
.border{ border-color:#00BF7C }
```

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

Here you see how a box with a 4 pixel #00BF7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BF7C; -webkit-box-shadow:4px 4px  
4px 4px #00BF7C; box-shadow:4px 4px 4px  
4px #00BF7C }
```

Background

The CSS property to change the background color of an element to Hex 00BF7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BF7C }
```

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

```
.background{ background-color:#00BF7C }
```

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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