

Converting Colors

Hex(00B77F)

Have a look what the booklet for
Hex(00B77F) contains.

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Color

Hex(00B77F)

Conversions

Conversions Part 1

Format	Color
Hex	00B77F
RGB	0, 183, 127
RGB Percent	0%, 72%, 50%
CMY	1.0000, 0.2824, 0.5020
CMYK	1.00, 0.00, 0.31, 0.28
HSL	162°, 100%, 36%
HSV	162°, 100%, 72%
XYZ	20.7643, 35.3993, 25.8170
YIQ	121.8990, -91.0920, -56.2120

Conversions

Conversions Part 2

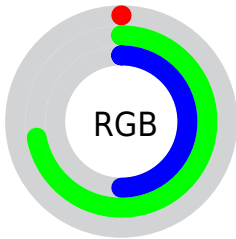
Format	Color
RYB	0, 108, 183
Decimal	46975
CIELab	66.06, -52.56, 17.69
CIELCh	66, 55.461, 161.398
Yxy	35.3993, 0.2533, 0.4318
Android (android.graphics.Color)	4278237055 (0xFF00B77F)
YUV	121.8990, 2.5148, -106.9054
Hunter-Lab	59.4973, -41.8247, 15.9210

Details

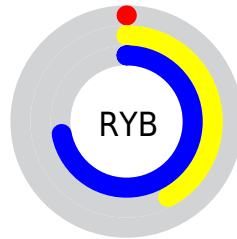
The Hex color **00B77F** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **B70038**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **60F0B4**, and **00814E** is the 20% darker color. If you saturate the color by 10%, you get **00B77F**, and if you desaturate by 10%, it is **12B785**.

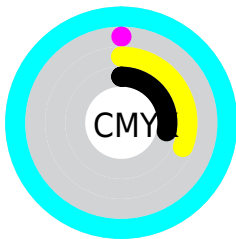
Distribution



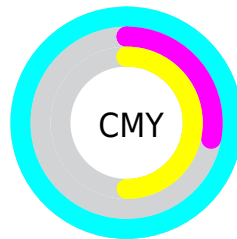
- Red (0%)
- Green (72%)
- Blue (50%)



- Red (0%)
- Yellow (42%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (28%)



- Cyan (100%)
- Magenta (28%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B77F 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 00B77F by changing the saturation by 10% instead.

 00B77F

 00B77F

FFFFFF

 009B66

 60F0B4

 00814E

 7FFFD0

 006737

 9EF FEC

 004D21

 BCFFFF

 00350B

 DAFFFF

 001D00

 F9FFFF

 000000

 00B77F

 12B785

 25B78A

 37B790

 49B795

 5CB79B

 6EB7A1

 80B7A6

 92B7AC

 A5B7B1

Harmonies

Analogous

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



74B052



00B77F



00B9B3

Triad

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



00B77F



69A0FF



F38061

Complementary

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



00B77F



B70038

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.



FD748F



00B77F



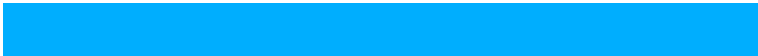
BC8CEC

Square

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



00B77F



00AEFE



EB79C1



D69340

Rectangle

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



00B77F



00B8D3



EB79C1



F97B6F

Sweetspot

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



00B77F



A6EDD7



3AB700



4D786B



F7F7F7



787878

Same Dimension

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



00B77F



00EDA5



0095B7



535C59



009C6C



001C13

Inverse Universe

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



B70038



ED0049



B72200



5C5355



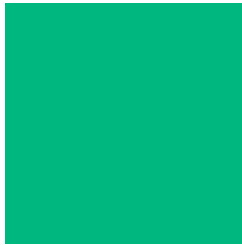
9C0030



1C0009

Previews

White Background



This preview shows how the Hex color 00B77F looks on a white background.

Color Contrast Check

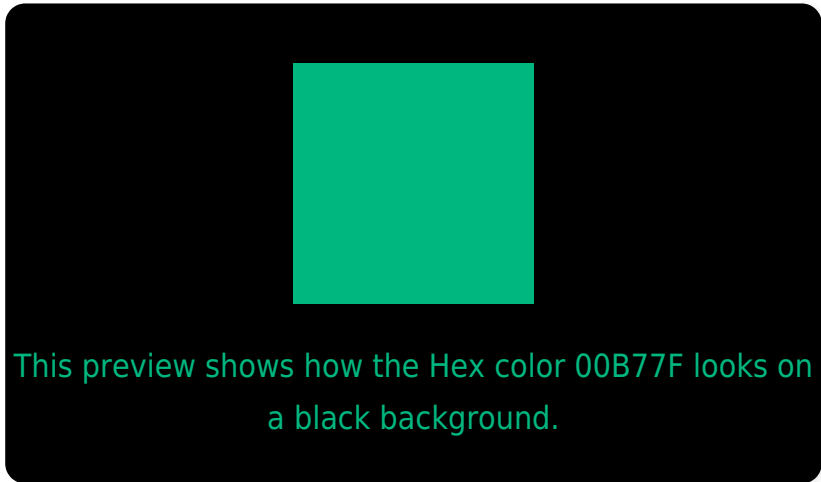
Large Text (above 18pt) WCAG AA × Fail

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

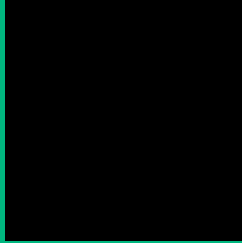
Any Text WCAG AA ✓ Pass

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 00B77F Background



This preview shows how black text looks on a background with the Hex color 00B77F.

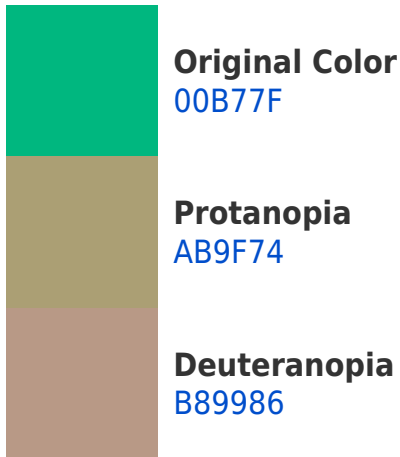


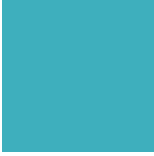
This preview shows how white text looks on a background with the Hex color 00B77F.

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
00B77F



Protanomaly
6DA878



Deuteranomaly
75A483



Tritanomaly
27B2A6

Monochromacy



Original Color
00B77F



Achromatopsia
7A7A7A



Achromatomaly
4E907C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B77F 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 #00B77F looks like.

```
.text, #text, p{  
    color:#00B77F  
}
```

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 #00B77F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B77F
}
```

Border

The CSS property to change the border of an element to Hex 00B77F 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
#00B77F }
```

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

```
.border{ border-color:#00B77F }
```

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

Here you see how a box with a 4 pixel #00B77F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B77F; -webkit-box-shadow:4px 4px  
4px 4px #00B77F; box-shadow:4px 4px 4px  
4px #00B77F }
```

Background

The CSS property to change the background color of an element to Hex 00B77F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B77F }
```

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

```
.background{ background-color:#00B77F }
```

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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