

Converting Colors

Hex(00B67E)

Have a look what the booklet for
Hex(00B67E) contains.

Hex(00B67E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00B67E)

Conversions

Conversions Part 1

Format	Color
Hex	00B67E
RGB	0, 182, 126
RGB Percent	0%, 71%, 49%
CMY	1.0000, 0.2863, 0.5059
CMYK	1.00, 0.00, 0.31, 0.29
HSL	162°, 100%, 36%
HSV	162°, 100%, 71%
XYZ	20.4938, 34.9623, 25.4069
YIQ	121.1980, -90.4960, -56.0000

Conversions

Conversions Part 2

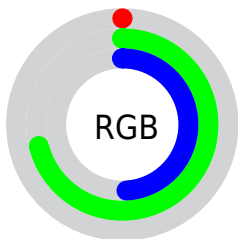
Format	Color
RYB	0, 108, 182
Decimal	46718
CIELab	65.72, -52.42, 17.77
CIELCh	66, 55.344, 161.276
Yxy	34.9623, 0.2534, 0.4324
Android (android.graphics.Color)	4278236798 (0xFF00B67E)
YUV	121.1980, 2.3674, -106.2906
Hunter-Lab	59.1289, -41.6081, 15.9141

Details

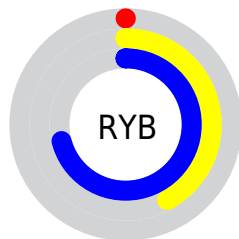
The Hex color **00B67E** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B60038**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **5FEFB3**, and **00804D** is the 20% darker color. If you saturate the color by 10%, you get **00B67E**, and if you desaturate by 10%, it is **12B684**.

Distribution



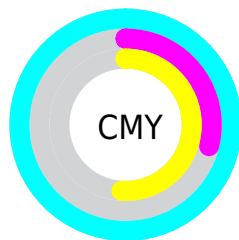
- Red (0%)
- Green (71%)
- Blue (49%)



- Red (0%)
- Yellow (42%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B67E 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 00B67E by changing the saturation by 10% instead.

 00B67E

 00B67E

FFFFFF

 009A65

 5FEFB3

 00804D

 7FFFCE

 006636

 9DFFEB

 004C20

 BBFFFF

 00350A

 DAFFFF

 001C00

 F8FFFF

 000000

 00B67E

 12B684

 24B689

 37B68F

 49B694

 5BB69A

 6DB6A0

 7FB6A5

 92B6AB

 A4B6B0

Harmonies

Analogous

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



73AF51



00B67E



00B8B1

Triad

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



00B67E



689FFF



F27F60

Complementary

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



00B67E



B60038

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.



FB748F



00B67E



BB8BEB

Square

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



00B67E



00AEFD



EA79C1



D5923F

Rectangle

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



00B67E



00B7D2



EA79C1



F87A6F

Sweetspot

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



00B67E



A6EDD7



3AB600



4D786B



F7F7F7



787878

Same Dimension

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



00B67E



00EDA4



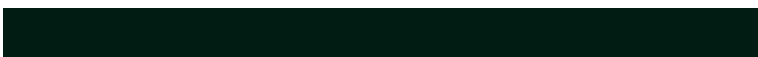
0095B6



535C59



009C6C



001C13

Inverse Universe

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



B60038



ED0049



B62100



5C5355



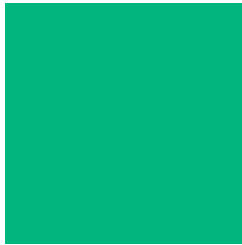
9C0030



1C0009

Previews

White Background



This preview shows how the Hex color 00B67E 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 00B67E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

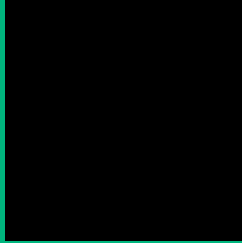
Any Text WCAG AA ✓ Pass

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 00B67E Background



This preview shows how black text looks on a background with the Hex color 00B67E.



This preview shows how white text looks on a background with the Hex color 00B67E.

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](#).

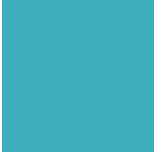
Dichromacy



Original Color
00B67E

Protanopia
AA9E73

Deuteranopia
B79885



Trichromacy



Original Color
00B67E



Protanomaly
6CA777



Deuteranomaly
74A382



Tritanomaly
27B1A5

Monochromacy



Original Color
00B67E



Achromatopsia
797979



Achromatomaly
4D8F7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B67E 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 #00B67E looks like.

```
.text, #text, p{  
    color:#00B67E  
}
```

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 #00B67E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B67E
}
```

Border

The CSS property to change the border of an element to Hex 00B67E 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
#00B67E }
```

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

```
.border{ border-color:#00B67E }
```

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

Here you see how a box with a 4 pixel #00B67E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B67E; -webkit-box-shadow:4px 4px  
4px 4px #00B67E; box-shadow:4px 4px 4px  
4px #00B67E }
```

Background

The CSS property to change the background color of an element to Hex 00B67E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B67E }
```

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

```
.background{ background-color:#00B67E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor