

Converting Colors

Hex(04B17F)

Have a look what the booklet for
Hex(04B17F) contains.

Hex(04B17F)	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(04B17F)

Conversions

Conversions Part 1

Format	Color
Hex	04B17F
RGB	4, 177, 127
RGB Percent	2%, 69%, 50%
CMY	0.9843, 0.3059, 0.5020
CMYK	0.98, 0.00, 0.28, 0.31
HSL	163°, 96%, 35%
HSV	163°, 98%, 69%
XYZ	19.6030, 33.0024, 25.4156
YIQ	119.5730, -87.0580, -52.2260

Conversions

Conversions Part 2

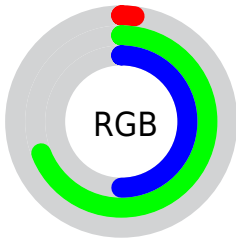
Format	Color
RYB	4, 105, 177
Decimal	307583
CIELab	64.16, -50.12, 15.07
CIELCh	64, 52.332, 163.265
Yxy	33.0024, 0.2513, 0.4230
Android (android.graphics.Color)	4278497663 (0xFF04B17F)
YUV	119.5730, 3.6615, -101.3575
Hunter-Lab	57.4477, -39.6237, 13.9828

Details

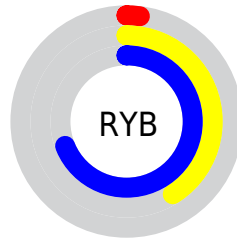
The Hex color **04B17F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B10436**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **5FEAB4**, and **007B4E** is the 20% darker color. If you saturate the color by 10%, you get **00B17E**, and if you desaturate by 10%, it is **16B184**.

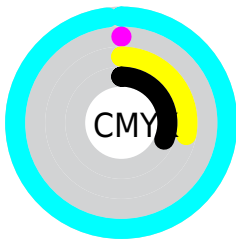
Distribution



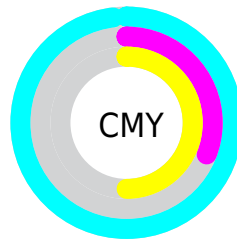
- Red (2%)
- Green (69%)
- Blue (50%)



- Red (2%)
- Yellow (41%)
- Blue (69%)



- Cyan (98%)
- Magenta (0%)
- Yellow (28%)
- Black (31%)




- Cyan (98%)
- Magenta (31%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04B17F 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 04B17F by changing the saturation by 10% instead.

 04B17F

 04B17F

FFFFFF

 009666

 5FEAB4

 007B4E

 7EFFCF

 006137

 9CFFEC

 004821

 BAEFFF

 00310B

 D8FFFF

 001700

 F7FFFF

 000000

 04B17F

 04B17F

 00B17E

 16B184

 27B189

 39B18E

 4BB193

 5CB199

 6EB19E

 80B1A3

 92B1A8

 A3B1AD

Harmonies

Analogous

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



6EAB54



04B17F



00B3AF

Triad

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



04B17F



6F99F6



E97E5E

Complementary

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



04B17F



B10436

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.



F27389



04B17F



B987E0

Square

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



04B17F



00A8F4



E477B8



CC9040

Rectangle

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



04B17F



00B2CD



E477B8



EE796B

Sweetspot

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



04B17F



A3E6D2



38B104



4B7367



F2F2F2



737373

Same Dimension

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



04B17F



00E6A3



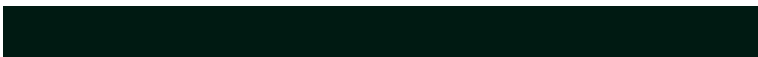
048EB1



505957



00996D



001A12

Inverse Universe

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



B10436



E60042



B12704



595053



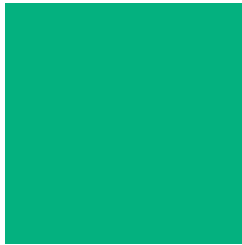
99002C



1A0007

Previews

White Background



This preview shows how the Hex color 04B17F looks on a white background.

Color Contrast Check

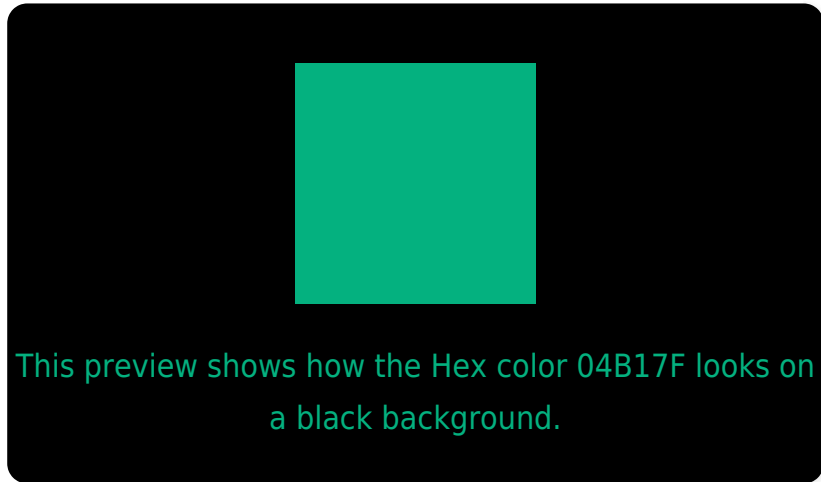
Large Text (above 18pt) WCAG AA × Fail

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 04B17F Background



This preview shows how black text looks on a background with the Hex color 04B17F.

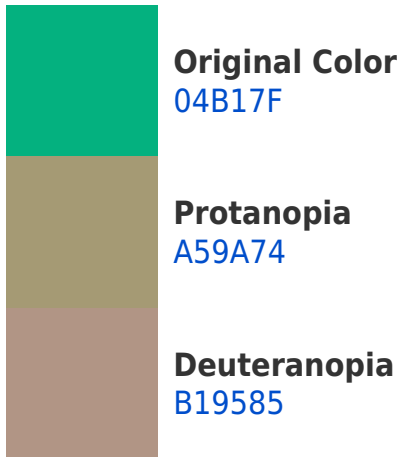


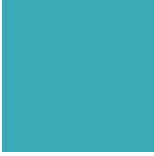
This preview shows how white text looks on a background with the Hex color 04B17F.

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
3BAAB7

Trichromacy



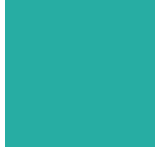
Original Color
04B17F



Protanomaly
6AA278



Deuteranomaly
729F83



Tritanomaly
27ADA3

Monochromacy



Original Color
04B17F



Achromatopsia
787878



Achromatomaly
4E8D7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 04B17F 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 #04B17F looks like.

```
.text, #text, p{  
    color:#04B17F  
}
```

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 #04B17F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04B17F
}
```

Border

The CSS property to change the border of an element to Hex 04B17F 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
#04B17F }
```

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

```
.border{ border-color:#04B17F }
```

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

Here you see how a box with a 4 pixel #04B17F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04B17F; -webkit-box-shadow:4px 4px  
4px 4px #04B17F; box-shadow:4px 4px 4px  
4px #04B17F }
```

Background

The CSS property to change the background color of an element to Hex 04B17F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04B17F }
```

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

```
.background{ background-color:#04B17F }
```

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