

Converting Colors

Hex(06B078)

Have a look what the booklet for
Hex(06B078) contains.

Hex(06B078)	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(06B078)

Conversions

Conversions Part 1

Format	Color
Hex	06B078
RGB	6, 176, 120
RGB Percent	2%, 69%, 47%
CMY	0.9765, 0.3098, 0.5294
CMYK	0.97, 0.00, 0.32, 0.31
HSL	160°, 93%, 36%
HSV	160°, 97%, 69%
XYZ	18.9906, 32.4455, 23.0310
YIQ	118.7860, -83.3440, -53.4560

Conversions

Conversions Part 2

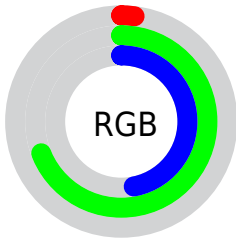
Format	Color
RYB	6, 108, 176
Decimal	438392
CIELab	63.71, -51.27, 18.27
CIELCh	64, 54.426, 160.391
Yxy	32.4455, 0.2550, 0.4357
Android (android.graphics.Color)	4278628472 (0xFF06B078)
YUV	118.7860, 0.5985, -98.9133
Hunter-Lab	56.9609, -40.1702, 15.8999

Details

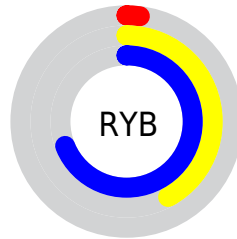
The Hex color **06B078** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B0063E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **5FE9AD**, and **007A47** is the 20% darker color. If you saturate the color by 10%, you get **00B076**, and if you desaturate by 10%, it is **18B07E**.

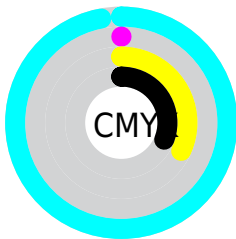
Distribution



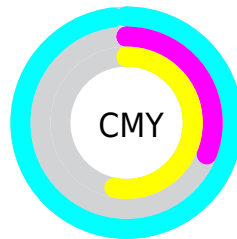
- Red (2%)
- Green (69%)
- Blue (47%)



- Red (2%)
- Yellow (42%)
- Blue (69%)



- Cyan (97%)
- Magenta (0%)
- Yellow (32%)
- Black (31%)



- Cyan (98%)
- Magenta (31%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06B078 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 06B078 by changing the saturation by 10% instead.

 06B078

 06B078

FFFFFF

 00955F

 5FE9AD

 007A47

 7EFFC8

 006030

 9CFFE4

 00471B

 BAF0FF

 003002

 D8F0FF

 001500

 F6F0FF

 000000

 06B078

 06B078

 00B076

 18B07E

 29B084

 3BB089

 4CB08F

 5EB095

 70B09B

 81B0A1

 93B0A6

 A4B0AC

Harmonies

Analogous

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



70A94D



06B078



00B2AA

Triad

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



06B078



609AFA



EC7A5E

Complementary

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



06B078



B0063E

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.



F46F8B



06B078



B387E5

Square

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



06B078



00A8F5



E275BC



CF8C3C

Rectangle

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



06B078



00B1CA



E275BC



F1756C

Sweetspot

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



06B078



A3E6D0



3FB006



4B7366



F2F2F2



737373

Same Dimension

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



06B078



00E69A



0694B0



505956



009967



001A11

Inverse Universe

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



B0063E



E6004C



B02206



595053



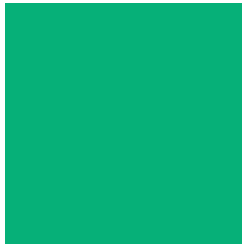
990032



1A0008

Previews

White Background



This preview shows how the Hex color 06B078 looks on a white background.

Color Contrast Check

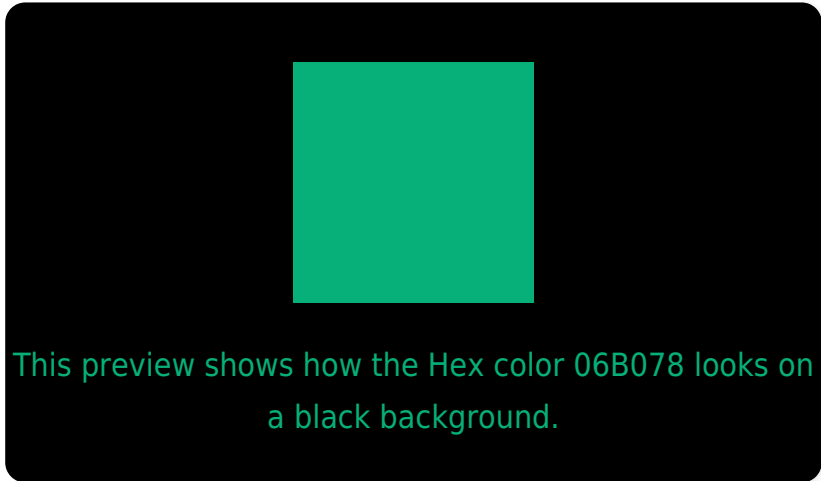
Large Text (above 18pt) WCAG AA × Fail

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

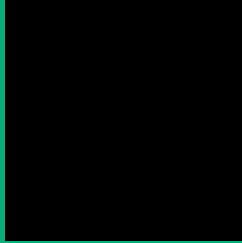
Any Text WCAG AA ✓ Pass

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 06B078 Background



This preview shows how black text looks on a background with the Hex color 06B078.

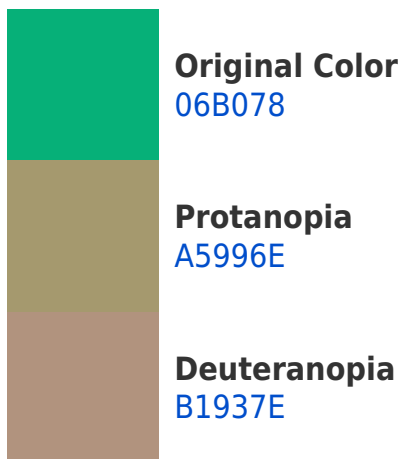


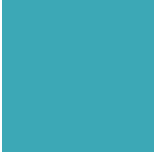
This preview shows how white text looks on a background with the Hex color 06B078.

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
3CA8B6

Trichromacy



Original Color
06B078



Protanomaly
6BA172



Deuteranomaly
739E7C



Tritanomaly
28AB9F

Monochromacy



Original Color
06B078



Achromatopsia
777777



Achromatomaly
4E8C77

CSS Examples

Text

The CSS property to change the color of the text to Hex 06B078 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 #06B078 looks like.

```
.text, #text, p{  
    color:#06B078  
}
```

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 #06B078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06B078
}
```

Border

The CSS property to change the border of an element to Hex 06B078 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
#06B078 }
```

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

```
.border{ border-color:#06B078 }
```

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

Here you see how a box with a 4 pixel #06B078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06B078; -webkit-box-shadow:4px 4px  
4px 4px #06B078; box-shadow:4px 4px 4px  
4px #06B078 }
```

Background

The CSS property to change the background color of an element to Hex 06B078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06B078 }
```

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

```
.background{ background-color:#06B078 }
```

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