

Converting Colors

Hex(06B67C)

Have a look what the booklet for
Hex(06B67C) contains.

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Color

Hex(06B67C)

Conversions

Conversions Part 1

Format	Color
Hex	06B67C
RGB	6, 182, 124
RGB Percent	2%, 71%, 49%
CMY	0.9765, 0.2863, 0.5137
CMYK	0.97, 0.00, 0.32, 0.29
HSL	160°, 94%, 37%
HSV	160°, 97%, 71%
XYZ	20.4411, 34.9499, 24.7374
YIQ	122.7640, -86.2780, -55.3500

Conversions

Conversions Part 2

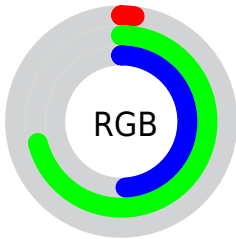
Format	Color
RYB	6, 111, 182
Decimal	439932
CIELab	65.71, -52.63, 18.84
CIELCh	66, 55.901, 160.304
Yxy	34.9499, 0.2551, 0.4362
Android (android.graphics.Color)	4278630012 (0xFF06B67C)
YUV	122.7640, 0.6093, -102.4020
Hunter-Lab	59.1184, -41.7379, 16.5737

Details

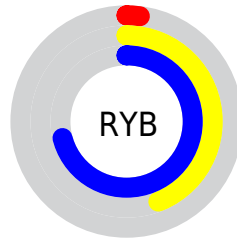
The Hex color **06B67C** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B60640**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **60EFB1**, and **00804B** is the 20% darker color. If you saturate the color by 10%, you get **00B67A**, and if you desaturate by 10%, it is **18B682**.

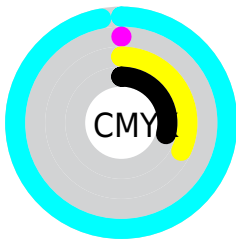
Distribution



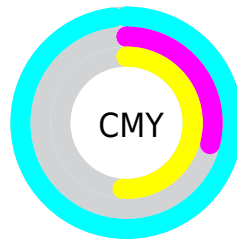
- Red (2%)
- Green (71%)
- Blue (49%)



- Red (2%)
- Yellow (44%)
- Blue (71%)



- Cyan (97%)
- Magenta (0%)
- Yellow (32%)
- Black (29%)



- Cyan (98%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06B67C 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 06B67C by changing the saturation by 10% instead.

 06B67C

 06B67C

FFFFFF

 009A63

 60EFB1

 00804B

 80FFCC

 006634

 9EFFE9

 004C1E

 BCFFFF

 003507

 DBFFFF

 001C00

 F9FFFF

 000000

 06B67C

 06B67C

 00B67A

 18B682

 2AB688

 3DB68E

 4FB694

 61B69A

 73B6A0

 85B6A6

 98B6AC

 AAB6B2

Harmonies

Analogous

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



74AF4F



06B67C



00B8B0

Triad

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



06B67C



639FFF



F47E61

Complementary

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



06B67C



B60640

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.



FC7390



06B67C



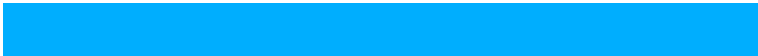
B98BEC

Square

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



06B67C



00AEFE



EA79C3



D6913F

Rectangle

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



06B67C



00B7D1



EA79C3



F97970

Sweetspot

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



06B67C



A8EDD6



41B606



4E786A



F7F7F7



787878

Same Dimension

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



06B67C



00ED9F



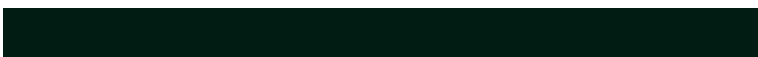
0699B6



535C59



009C68



001C13

Inverse Universe

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



B60640



ED004E



B62306



5C5356



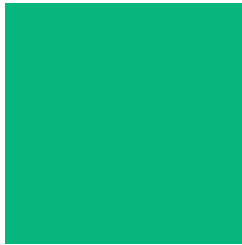
9C0033



1C0009

Previews

White Background



This preview shows how the Hex color 06B67C 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 06B67C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

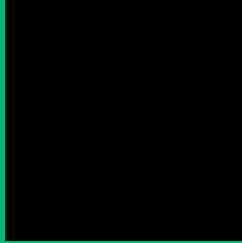
Any Text WCAG AA ✓ Pass

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 06B67C Background



This preview shows how black text looks on a background with the Hex color 06B67C.



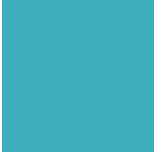
This preview shows how white text looks on a background with the Hex color 06B67C.

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



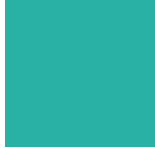
Original Color
06B67C



Protanomaly
6FA775



Deuteranomaly
77A380



Tritanomaly
2AB1A5

Monochromacy



Original Color
06B67C



Achromatopsia
7B7B7B



Achromatomaly
50907B

CSS Examples

Text

The CSS property to change the color of the text to Hex 06B67C 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 #06B67C looks like.

```
.text, #text, p{  
    color:#06B67C  
}
```

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 #06B67C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06B67C
}
```

Border

The CSS property to change the border of an element to Hex 06B67C 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
#06B67C }
```

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

```
.border{ border-color:#06B67C }
```

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

Here you see how a box with a 4 pixel #06B67C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06B67C; -webkit-box-shadow:4px 4px  
4px 4px #06B67C; box-shadow:4px 4px 4px  
4px #06B67C }
```

Background

The CSS property to change the background color of an element to Hex 06B67C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06B67C }
```

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

```
.background{ background-color:#06B67C }
```

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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