

# Converting Colors

Hex(06B47C)

Have a look what the booklet for  
Hex(06B47C) contains.

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# Color

Hex(06B47C)

# Conversions

## Conversions Part 1

Format	Color
Hex	06B47C
RGB	6, 180, 124
RGB Percent	2%, 71%, 49%
CMY	0.9765, 0.2941, 0.5137
CMYK	0.97, 0.00, 0.31, 0.29
HSL	161°, 94%, 36%
HSV	161°, 97%, 71%
XYZ	20.0345, 34.1365, 24.6019
YIQ	121.5900, -85.7280, -54.3040

# Conversions

## Conversions Part 2

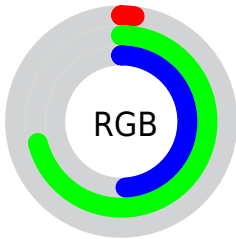
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 110, 180
Decimal	439420
CIELab	65.07, -51.88, 17.96
CIELCh	65, 54.899, 160.901
Yxy	34.1365, 0.2543, 0.4334
Android (android.graphics.Color)	4278629500 (0xFF06B47C)
YUV	121.5900, 1.1881, -101.3724
Hunter-Lab	58.4264, -41.0385, 15.9330

# Details

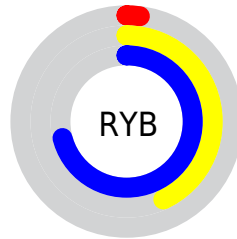
The Hex color **06B47C** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B4063E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **60EDB1**, and **007E4B** is the 20% darker color. If you saturate the color by 10%, you get **00B47A**, and if you desaturate by 10%, it is **18B482**.

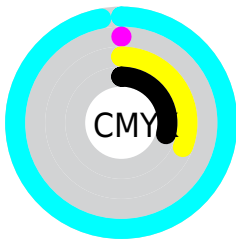
# Distribution



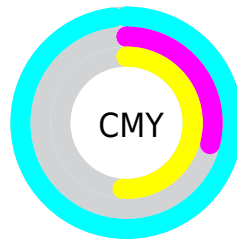
- Red (2%)
- Green (71%)
- Blue (49%)



- Red (2%)
- Yellow (43%)
- Blue (71%)



- Cyan (97%)
- Magenta (0%)
- Yellow (31%)
- Black (29%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 06B47C 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 06B47C by changing the saturation by 10% instead.



 06B47C

 06B47C

FFFFFF

 009963

 60EDB1

 007E4B

 7FFFCC

 006434

 9DFFE9

 004B1E

 BBFFFF

 003307

 DAFFFF

 001A00

 F8FFFF

 000000

 06B47C

 06B47C

 00B47A

 18B482

 2AB488

 3CB48D

 4EB493

 60B499

 72B49F

 84B4A5

 96B4AA

 A8B4B0

# Harmonies

## Analogous

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



73AD50



06B47C



00B6AF

# Triad

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



06B47C



659DFE



F07D60

# Complementary

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



06B47C



B4063E

# 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.



F9728E



06B47C



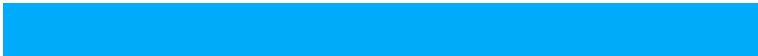
B88AE9

# Square

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



06B47C



00ACFA



E778BF



D3903F

# Rectangle

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



06B47C



00B5CF



E778BF



F6786E



# Sweetspot

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



06B47C



A7EBD5



40B406



4C7568



F5F5F5



757575



# Same Dimension

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



06B47C



00EB9F



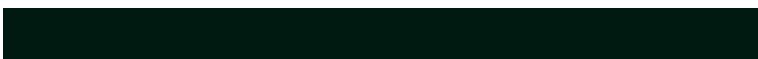
0697B4



505956



009968



001A11



# Inverse Universe

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



B4063E



EB004C



B42306



595053



990031



1A0008



# Previews

## White Background



This preview shows how the Hex color 06B47C looks on a white background.

## Color Contrast Check

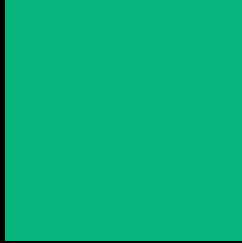
Large Text (above 18pt) WCAG AA × Fail

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 06B47C 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 06B47C Background



This preview shows how black text looks on a background with the Hex color 06B47C.



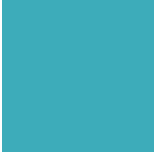
This preview shows how white text looks on a background with the Hex color 06B47C.

# 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



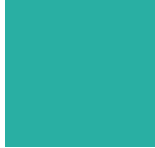
**Original Color**  
06B47C



**Protanomaly**  
6EA576



**Deuteranomaly**  
75A280



**Tritanomaly**  
29AFA3

# Monochromacy



**Original Color**  
06B47C



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
508F7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 06B47C 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 #06B47C looks like.

```
.text, #text, p{  
    color:#06B47C  
}
```

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 #06B47C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06B47C
}
```

## Border

The CSS property to change the border of an element to Hex 06B47C 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
#06B47C }
```

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

```
.border{ border-color:#06B47C }
```

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

Here you see how a box with a 4 pixel #06B47C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06B47C; -webkit-box-shadow:4px 4px  
4px 4px #06B47C; box-shadow:4px 4px 4px  
4px #06B47C }
```

# Background

The CSS property to change the background color of an element to Hex 06B47C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06B47C }
```

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

```
.background{ background-color:#06B47C }
```

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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