

Converting Colors

Hex(06C67B)

Have a look what the booklet for
Hex(06C67B) contains.

Hex(06C67B)	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(06C67B)

Conversions

Conversions Part 1

Format	Color
Hex	06C67B
RGB	6, 198, 123
RGB Percent	2%, 78%, 48%
CMY	0.9765, 0.2235, 0.5176
CMYK	0.97, 0.00, 0.38, 0.22
HSL	157°, 94%, 40%
HSV	157°, 97%, 78%
XYZ	23.8443, 41.8569, 25.5614
YIQ	132.0420, -90.3570, -64.0290

Conversions

Conversions Part 2

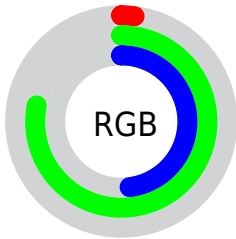
Format	Color
RYB	6, 125, 198
Decimal	444027
CIELab	70.77, -58.67, 26.23
CIELCh	71, 64.269, 155.914
Yxy	41.8569, 0.2613, 0.4586
Android (android.graphics.Color)	4278634107 (0xFF06C67B)
YUV	132.0420, -4.4577, -110.5388
Hunter-Lab	64.6969, -47.4327, 21.8627

Details

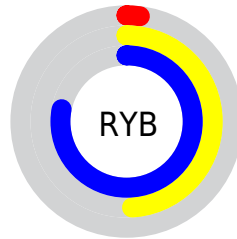
The Hex color **06C67B** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C60651**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **65FFB0**, and **008F49** is the 20% darker color. If you saturate the color by 10%, you get **00C679**, and if you desaturate by 10%, it is **1AC683**.

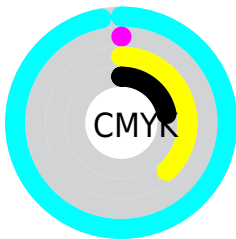
Distribution



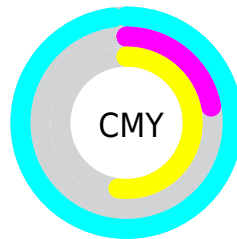
- Red (2%)
- Green (78%)
- Blue (48%)



- Red (2%)
- Yellow (49%)
- Blue (78%)



- Cyan (97%)
- Magenta (0%)
- Yellow (38%)
- Black (22%)



- Cyan (98%)
- Magenta (22%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06C67B 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 06C67B by changing the saturation by 10% instead.

 06C67B

 06C67B

FFFFFF

 00AA62

 65FFB0

 008F49

 85FFCC

 007432

 A4FFE8

 005A1B

 C2FFFF

 004103

 E1FFFF

 002A00

 000500

 000000

 06C67B

 06C67B

■ 00C679

■ 1AC683

■ 2EC68A

■ 41C692

■ 55C69A

■ 69C6A2

■ 7DC6A9

■ 91C6B1

■ A4C6B9

■ B8C6C1

Harmonies

Analogous

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



84BD48



06C67B



00C9B7

Triad

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



06C67B



42B0FF



FF826C

Complementary

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



06C67B



C60651

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.



FF77A4



06C67B



BF99FF

Square

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



06C67B



00C0FF



FD81DE



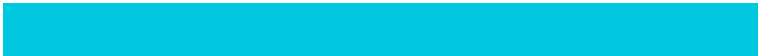
F2993F

Rectangle

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



06C67B



00C9DF



FD81DE



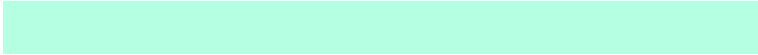
FF7C7E

Sweetspot

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



06C67B



B5FFE2



53C606



53806E



000000



808080

Same Dimension

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



06C67B



00FF9B



06B3C6



5A6360



00A363



002416

Inverse Universe

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



C60651



FF0064



C61906



635A5D



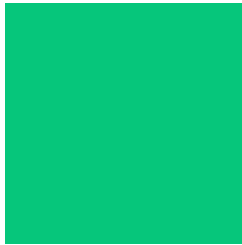
A30040



24000E

Previews

White Background



This preview shows how the Hex color 06C67B 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 06C67B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

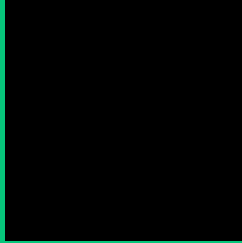
Any Text WCAG AA ✓ Pass

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 06C67B Background



This preview shows how black text looks on a background with the Hex color 06C67B.

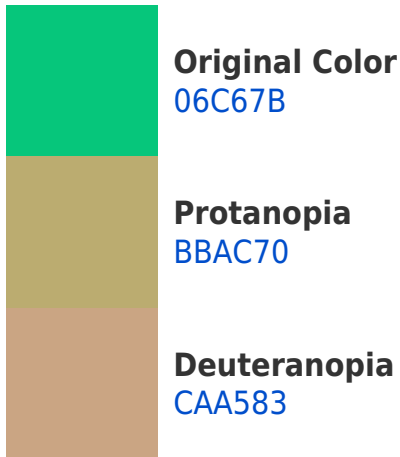


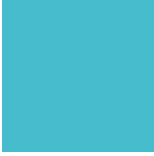
This preview shows how white text looks on a background with the Hex color 06C67B.

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
06C67B



Protanomaly
79B574



Deuteranomaly
83B180



Tritanomaly
2FC0AF

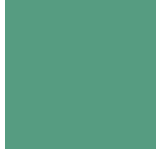
Monochromacy



Original Color
06C67B



Achromatopsia
848484



Achromatomaly
569C81

CSS Examples

Text

The CSS property to change the color of the text to Hex 06C67B 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 #06C67B looks like.

```
.text, #text, p{  
    color:#06C67B  
}
```

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 #06C67B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06C67B
}
```

Border

The CSS property to change the border of an element to Hex 06C67B 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
#06C67B }
```

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

```
.border{ border-color:#06C67B }
```

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

Here you see how a box with a 4 pixel #06C67B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06C67B; -webkit-box-shadow:4px 4px  
4px 4px #06C67B; box-shadow:4px 4px 4px  
4px #06C67B }
```

Background

The CSS property to change the background color of an element to Hex 06C67B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06C67B }
```

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

```
.background{ background-color:#06C67B }
```

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