

# Converting Colors

Hex(0BC47D)

Have a look what the booklet for  
Hex(0BC47D) contains.

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**Color**

**Hex(0BC47D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0BC47D
RGB	11, 196, 125
RGB Percent	4%, 77%, 49%
CMY	0.9569, 0.2314, 0.5098
CMYK	0.94, 0.00, 0.36, 0.23
HSL	157°, 89%, 41%
HSV	157°, 94%, 77%
XYZ	23.5796, 41.0317, 26.0792
YIQ	132.5910, -87.4690, -61.3010

# Conversions

## Conversions Part 2

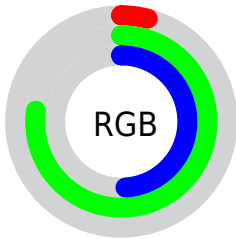
Format	Color
<a href="#">RYB</a>	<a href="#">11, 125, 196</a>
Decimal	<a href="#">771197</a>
CIELab	<a href="#">70.20, -57.37, 24.41</a>
CIELCh	<a href="#">70, 62.348, 156.950</a>
Yxy	<a href="#">41.0317, 0.2600, 0.4524</a>
Android (android.graphics.Color)	<a href="#">4278961277 (0xFF0BC47D)</a>
YUV	<a href="#">132.5910, -3.7424, -106.6353</a>
Hunter-Lab	<a href="#">64.0560, -46.3904, 20.7004</a>

# Details

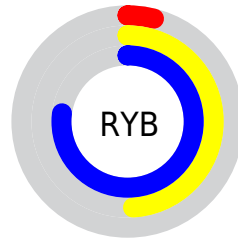
The Hex color **0BC47D** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C40B52**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **65FEB2**, and **008D4B** is the 20% darker color. If you saturate the color by 10%, you get **00C479**, and if you desaturate by 10%, it is **1FC485**.

# Distribution



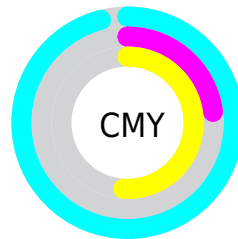
- Red (4%)
- Green (77%)
- Blue (49%)



- Red (4%)
- Yellow (49%)
- Blue (77%)



- Cyan (94%)
- Magenta (0%)
- Yellow (36%)
- Black (23%)



- Cyan (96%)
- Magenta (23%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0BC47D 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 0BC47D by changing the saturation by 10% instead.



 0BC47D

 0BC47D

FFFFFF

 00A864

 65FEB2

 008D4B

 85FFCE

 007234

 A4FFEA

 00581D

 C2FFFF

 003F06

 E1FFFF

 002800

 000100

 000000

 0BC47D

 0BC47D

 00C479


 1FC485

 32C48C

 46C494

 59C49B

 6DC4A3

 81C4AA

 94C4B2

 A8C4B9

 BBC4C1

# Harmonies

## Analogous

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



82BC4B



0BC47D



00C7B8

# Triad

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



0BC47D



4FAEFF



FF836A

# Complementary

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



0BC47D



C40B52

# 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.



FF77A1



0BC47D



C097FF

# Square

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



0BC47D



00BDFE



FB80D9



ED9940

# Rectangle

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



0BC47D



00C7DD



FB80D9



FF7D7C

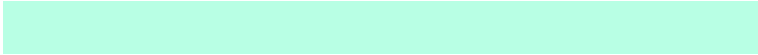


# Sweetspot

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



0BC47D



B8FFE4



55C40B



54806F



000000



808080



# Same Dimension

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



0BC47D



00FF9D



0BB1C4



57615D



00A163



002114



# Inverse Universe

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



C40B52



FF0062



C41D0B



61575B



A1003E

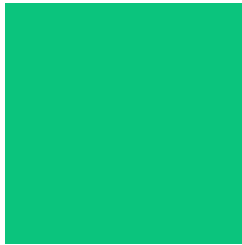


21000D



# Previews

## White Background



This preview shows how the Hex color 0BC47D 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 0BC47D 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 0BC47D Background



This preview shows how black text looks on a background with the Hex color 0BC47D.

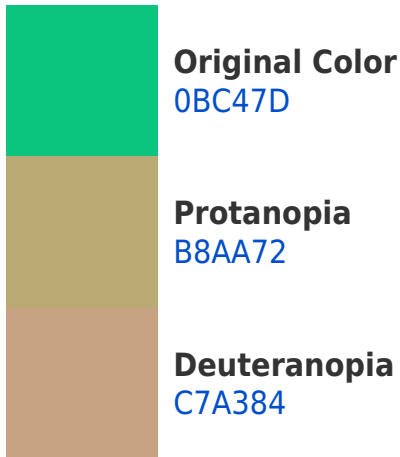


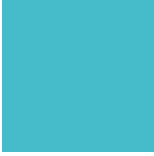
This preview shows how white text looks on a background with the Hex color 0BC47D.

# 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**  
46BBCA

# Trichromacy



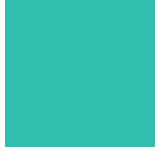
**Original Color**  
0BC47D



**Protanomaly**  
79B376



**Deuteranomaly**  
83AF81



**Tritanomaly**  
31BEAE

# Monochromacy



**Original Color**  
0BC47D



**Achromatopsia**  
858585



**Achromatomaly**  
599C82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0BC47D 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 #0BC47D looks like.

```
.text, #text, p{  
    color:#0BC47D  
}
```

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 #0BC47D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BC47D
}
```

## Border

The CSS property to change the border of an element to Hex 0BC47D 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
#0BC47D }
```

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

```
.border{ border-color:#0BC47D }
```

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

Here you see how a box with a 4 pixel #0BC47D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BC47D; -webkit-box-shadow:4px 4px  
4px 4px #0BC47D; box-shadow:4px 4px 4px  
4px #0BC47D }
```

# Background

The CSS property to change the background color of an element to Hex 0BC47D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BC47D }
```

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

```
.background{ background-color:#0BC47D }
```

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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