

# Converting Colors

Hex(00BC6E)

Have a look what the booklet for  
Hex(00BC6E) contains.

<b>Hex(00BC6E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(00BC6E)

# Conversions

## Conversions Part 1

Format	Color
Hex	00BC6E
RGB	0, 188, 110
RGB Percent	0%, 74%, 43%
CMY	1.0000, 0.2627, 0.5686
CMYK	1.00, 0.00, 0.41, 0.26
HSL	155°, 100%, 37%
HSV	155°, 100%, 74%
XYZ	20.7977, 37.0922, 20.8152
YIQ	122.8960, -87.0100, -64.1140

# Conversions

## Conversions Part 2

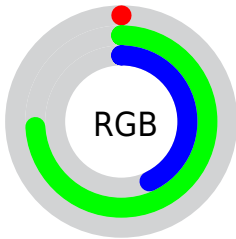
Format	Color
<a href="#">RYB</a>	0, 119, 188
Decimal	48238
CIELab	67.35, -57.95, 28.49
CIELCh	67, 64.576, 153.824
Yxy	37.0922, 0.2642, 0.4713
Android (android.graphics.Color)	4278238318 (0xFF00BC6E)
YUV	122.8960, -6.3577, -107.7798
Hunter-Lab	60.9034, -45.6256, 22.3686

# Details

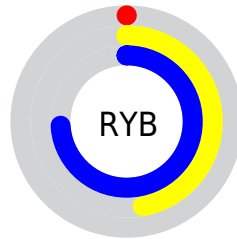
The Hex color **00BC6E** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BC004E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **61F5A2**, and **00853D** is the 20% darker color. If you saturate the color by 10%, you get **00BC6E**, and if you desaturate by 10%, it is **13BC76**.

# Distribution



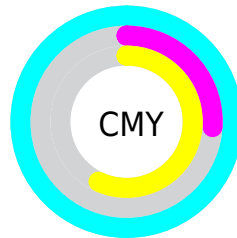
- Red (0%)
- Green (74%)
- Blue (43%)



- Red (0%)
- Yellow (47%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00BC6E 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 00BC6E by changing the saturation by 10% instead.



 00BC6E

 00BC6E

FFFFFF

 00A055

 61F5A2

 00853D

 80FFBE

 006B26

 9FFFDA

 00510E

 BDFFF6

 003900

 DCFFFF

 002100

 FBFFFF

 000000

 00BC6E

 13BC76

 26BC7E

 38BC85

 4BBC8D

 5EBC95

 71BC9D

 84BCA5

 96BCAC

 A9BCB4

# Harmonies

## Analogous

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



7FB33B



00BC6E



00C0AA

# Triad

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



00BC6E



07A8FF



FF7766

# Complementary

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



00BC6E



BC004E

# 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.



FF6C9F



00BC6E



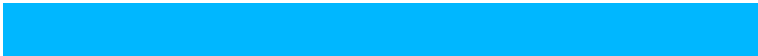
AF91FF

# Square

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



00BC6E



00B7FF



F079D8



EA8E38

# Rectangle

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



00BC6E



00C0D1



F079D8



FF7178

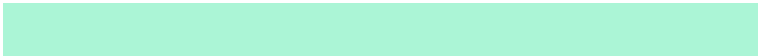


# Sweetspot

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



00BC6E



ABF5D6



4EBC00



4E7A68



FAFAFA



7A7A7A



# Same Dimension

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



00BC6E



00F58F



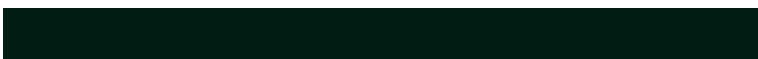
00ACBC



555E5A



009E5D



001F12



# Inverse Universe

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



BC004E



F50066



BC1000



5E5559



9E0042



1F000D



# Previews

## White Background



This preview shows how the Hex color 00BC6E 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 00BC6E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

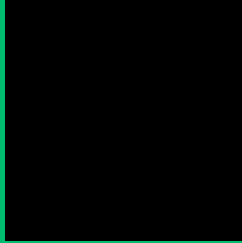
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00BC6E Background



This preview shows how black text looks on a background with the Hex color 00BC6E.



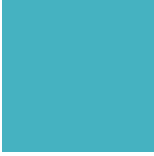
This preview shows how white text looks on a background with the Hex color 00BC6E.

# 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**  
45B2C1

# Trichromacy



**Original Color**  
00BC6E



**Protanomaly**  
71AC68



**Deuteranomaly**  
7BA873



**Tritanomaly**  
2CB6A3

# Monochromacy



**Original Color**  
00BC6E



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
4E9376

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00BC6E 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 #00BC6E looks like.

```
.text, #text, p{  
    color:#00BC6E  
}
```

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 #00BC6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BC6E
}
```

## Border

The CSS property to change the border of an element to Hex 00BC6E 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
#00BC6E }
```

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

```
.border{ border-color:#00BC6E }
```

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

Here you see how a box with a 4 pixel #00BC6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BC6E; -webkit-box-shadow:4px 4px  
4px 4px #00BC6E; box-shadow:4px 4px 4px  
4px #00BC6E }
```

# Background

The CSS property to change the background color of an element to Hex 00BC6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BC6E }
```

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

```
.background{ background-color:#00BC6E }
```

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