

# Converting Colors

Hex(00BD3C)

Have a look what the booklet for  
Hex(00BD3C) contains.

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**Color**

**Hex(00BD3C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BD3C
RGB	0, 189, 60
RGB Percent	0%, 74%, 24%
CMY	1.0000, 0.2588, 0.7647
CMYK	1.00, 0.00, 0.68, 0.26
HSL	139°, 100%, 37%
HSV	139°, 100%, 74%
XYZ	19.0132, 36.7214, 10.3608
YIQ	117.7830, -71.2350, -80.1870

# Conversions

## Conversions Part 2

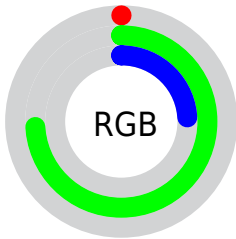
Format	Color
<a href="#">RYB</a>	0, 143, 189
Decimal	48444
CIELab	67.07, -65.63, 51.91
CIElCh	67, 83.678, 141.656
Yxy	36.7214, 0.2877, 0.5556
Android (android.graphics.Color)	4278238524 (0xFF00BD3C)
YUV	117.7830, -28.4870, -103.2957
Hunter-Lab	60.5982, -50.0410, 32.2816

# Details

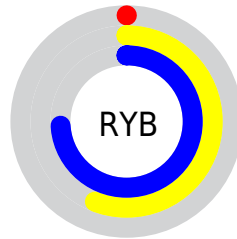
The Hex color **00BD3C** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BD0081**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **63F771**, and **008600** is the 20% darker color. If you saturate the color by 10%, you get **00BD3C**, and if you desaturate by 10%, it is **13BD49**.

# Distribution



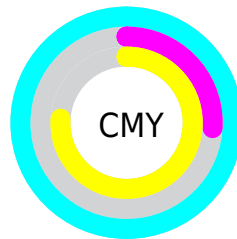
- Red (0%)
- Green (74%)
- Blue (24%)



- Red (0%)
- Yellow (56%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00BD3C 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 00BD3C by changing the saturation by 10% instead.



 00BD3C

 00BD3C

FFFFFF

 00A11F

 63F771

 008600

 83FF8C

 006B00

 A2FFA8

 005100

 C0FFC4

 003900

 DFFFE1

 002000

FEFFFE

 000000

 00BD3C

 13BD49

 26BD56

 39BD63

 4CBD70

 5FBD7C

 71BD89

 84BD96

 97BDA3

 AABDB0

# Harmonies

## Analogous

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



90B000



00BD3C



00C38B

# Triad

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



00BD3C



00B3FF



FF5371

# Complementary

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



00BD3C



BD0081

# 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.



FF4FBC



00BD3C



6D99FF

# Square

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



00BD3C



00C0FF



E873FF



FF7728

# Rectangle

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



00BD3C



00C5C0



E873FF



FF4C89



# Sweetspot

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



00BD3C



ABF5C3



81BD00



4E7A5C



FAFAFA



7A7A7A



# Same Dimension

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



00BD3C



00F54E



00BD9A



555E58



009E32



001F0A



# Inverse Universe

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



BD0081



F500A7



BD0023



5E555B



9E006C

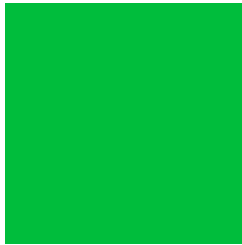


1F0015



# Previews

## White Background



This preview shows how the Hex color 00BD3C 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 00BD3C 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 00BD3C Background



This preview shows how black text looks on a background with the Hex color 00BD3C.

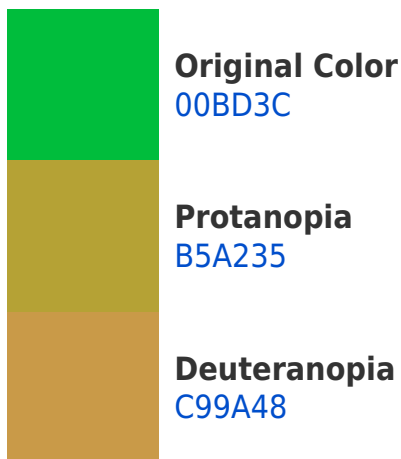


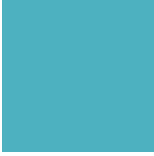
This preview shows how white text looks on a background with the Hex color 00BD3C.

# 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**  
4DB1BF

# Trichromacy



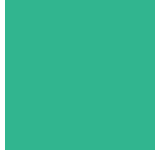
**Original Color**  
00BD3C



**Protanomaly**  
73AC38



**Deuteranomaly**  
80A744



**Tritanomaly**  
31B58F

# Monochromacy



**Original Color**  
00BD3C



**Achromatopsia**  
767676



**Achromatomaly**  
4B9061

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00BD3C 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 #00BD3C looks like.

```
.text, #text, p{  
    color:#00BD3C  
}
```

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 #00BD3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BD3C
}
```

## Border

The CSS property to change the border of an element to Hex 00BD3C 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
#00BD3C }
```

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

```
.border{ border-color:#00BD3C }
```

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

Here you see how a box with a 4 pixel #00BD3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BD3C; -webkit-box-shadow:4px 4px  
4px 4px #00BD3C; box-shadow:4px 4px 4px  
4px #00BD3C }
```

# Background

The CSS property to change the background color of an element to Hex 00BD3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BD3C }
```

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

```
.background{ background-color:#00BD3C }
```

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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