

# Converting Colors

Hex(00BF48)

Have a look what the booklet for  
Hex(00BF48) contains.

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**Color**

**Hex(00BF48)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BF48
RGB	0, 191, 72
RGB Percent	0%, 75%, 28%
CMY	1.0000, 0.2510, 0.7176
CMYK	1.00, 0.00, 0.62, 0.25
HSL	143°, 100%, 37%
HSV	143°, 100%, 75%
XYZ	19.8005, 37.7295, 12.3698
YIQ	120.3250, -75.6370, -77.5010

# Conversions

## Conversions Part 2

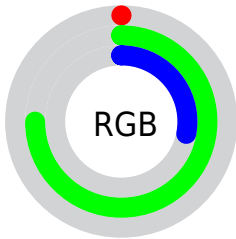
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 139, 191
Decimal	48968
CIELab	67.82, -64.89, 47.65
CIELCh	68, 80.511, 143.709
Yxy	37.7295, 0.2833, 0.5398
Android (android.graphics.Color)	4278239048 (0xFF00BF48)
YUV	120.3250, -23.8242, -105.5250
Hunter-Lab	61.4243, -49.9520, 31.0570

# Details

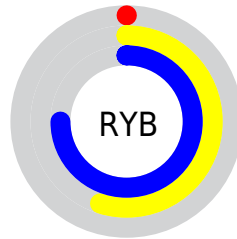
The Hex color **00BF48** is a dark color, and the websafe version is hex **00CC66**. A complement of this color would be **BF0077**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **63F97D**, and **00880F** is the 20% darker color. If you saturate the color by 10%, you get **00BF48**, and if you desaturate by 10%, it is **13BF54**.

# Distribution



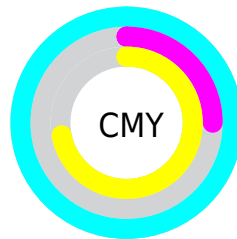
- Red (0%)
- Green (75%)
- Blue (28%)



- Red (0%)
- Yellow (55%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00BF48 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 00BF48 by changing the saturation by 10% instead.



 00BF48

 00BF48

FFFFFF

 00A32E

 63F97D

 00880F

 83FF98

 006D00

 A2FFB3

 005300

 C0FFCF

 003B00

 DFFFEC

 002200

FEFFFF

 000000

 00BF48

 13BF54

 26BF60

 39BF6C

 4CBF78

 60BF84

 73BF8F

 86BF9B

 99BFA7

 ACBFB3

# Harmonies

## Analogous

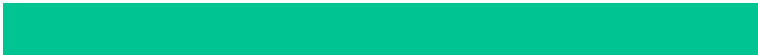
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8FB200



00BF48



00C593

# Triad

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



00BF48



00B3FF



FF5D70

# Complementary

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



00BF48



BF0077

# 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.



FF57B8



00BF48



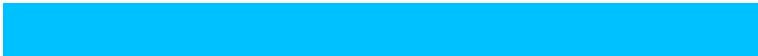
8199FF

# Square

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



00BF48



00C1FF



ED75FC



FF7D2B

# Rectangle

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



00BF48



00C6C6



ED75FC



FF5687

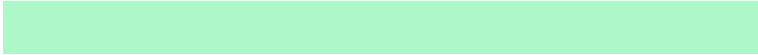


# Sweetspot

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



00BF48



ADF7C9



79BF00



507D61



FCFCFC



7D7D7D



# Same Dimension

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



00BF48



00F75D



00BFA6



555E58



009E3C



001F0C



# Inverse Universe

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



BF0077



F7009A



BF0019



5E555B



9E0063



1F0013



# Previews

## White Background



This preview shows how the Hex color 00BF48 looks on a white background.

## Color Contrast Check

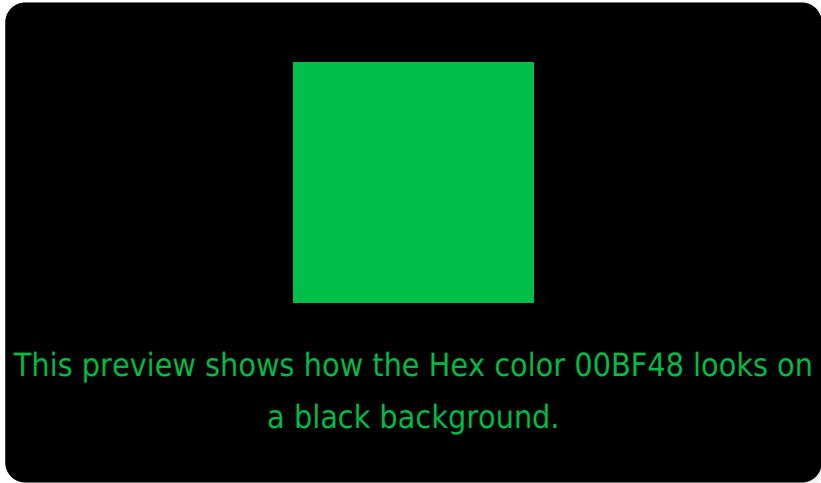
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 00BF48 Background



This preview shows how black text looks on a background with the Hex color 00BF48.

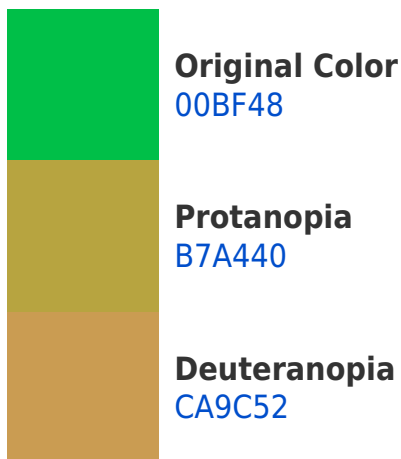


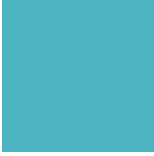
This preview shows how white text looks on a background with the Hex color 00BF48.

# 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**  
4CB3C1

# Trichromacy



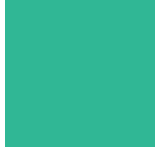
**Original Color**  
00BF48



**Protanomaly**  
74AE43



**Deuteranomaly**  
81A94E



**Tritanomaly**  
30B795

# Monochromacy



**Original Color**  
00BF48



**Achromatopsia**  
787878



**Achromatomaly**  
4C9267

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00BF48 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 #00BF48 looks like.

```
.text, #text, p{  
    color:#00BF48  
}
```

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 #00BF48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BF48
}
```

## Border

The CSS property to change the border of an element to Hex 00BF48 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
#00BF48 }
```

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

```
.border{ border-color:#00BF48 }
```

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

Here you see how a box with a 4 pixel #00BF48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BF48; -webkit-box-shadow:4px 4px  
4px 4px #00BF48; box-shadow:4px 4px 4px  
4px #00BF48 }
```

# Background

The CSS property to change the background color of an element to Hex 00BF48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BF48 }
```

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

```
.background{ background-color:#00BF48 }
```

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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