

Converting Colors

Hex(00BF60)

Have a look what the booklet for
Hex(00BF60) contains.

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Color

Hex(00BF60)

Conversions

Conversions Part 1

Format	Color
Hex	00BF60
RGB	0, 191, 96
RGB Percent	0%, 75%, 38%
CMY	1.0000, 0.2510, 0.6235
CMYK	1.00, 0.00, 0.50, 0.25
HSL	150°, 100%, 37%
HSV	150°, 100%, 75%
XYZ	20.7421, 38.1061, 17.3283
YIQ	123.0610, -83.3410, -70.0370

Conversions

Conversions Part 2

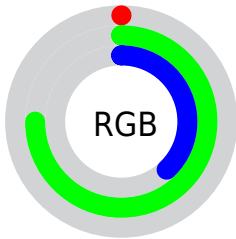
Format	Color
RYB	0, 127, 191
Decimal	48992
CIELab	68.10, -61.47, 36.61
CIELCh	68, 71.545, 149.218
Yxy	38.1061, 0.2723, 0.5002
Android (android.graphics.Color)	4278239072 (0xFF00BF60)
YUV	123.0610, -13.3411, -107.9245
Hunter-Lab	61.7302, -48.0495, 26.5678

Details

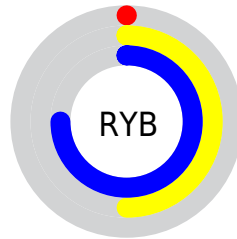
The Hex color **00BF60** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BF005F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **62F994**, and **00882E** is the 20% darker color. If you saturate the color by 10%, you get **00BF60**, and if you desaturate by 10%, it is **13BF6A**.

Distribution



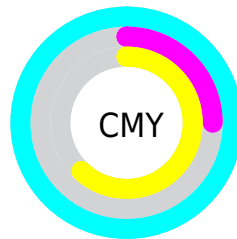
- Red (0%)
- Green (75%)
- Blue (38%)



- Red (0%)
- Yellow (50%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00BF60 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 00BF60 by changing the saturation by 10% instead.

 00BF60

 00BF60

FFFFFF

 00A347

 62F994

 00882E

 82FFAF

 006D15

 A1FFCB

 005400

 BFFFE8

 003B00

 DEFFF

 002300

 FCFFF

 000000

 00BF60

 13BF6A

 26BF73

 39BF7D

 4CBF86

 60BF90

 73BF99

 86BFA3

 99BFAC

 ACBFB6

Harmonies

Analogous

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



87B425



00BF60



00C4A2

Triad

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



00BF60



00AEFF



FF6E6B

Complementary

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



00BF60



BF005F

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.



FF65AA



00BF60



A196FF

Square

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



00BF60



00BDFE



F278E9



F88933

Rectangle

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



00BF60



00C4CF



F278E9



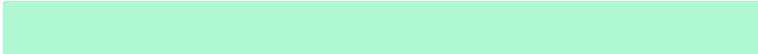
FF687F

Sweetspot

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



00BF60



ADF7D2



60BF00



507D67



FCFCFC



7D7D7D

Same Dimension

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



00BF60



00F77C



00BFBF



555E5A



009E4F



001F0F

Inverse Universe

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



BF005F



F7007B



BF0000



5E555A



9E004F



1F000F

Previews

White Background



This preview shows how the Hex color 00BF60 looks on a white background.

Color Contrast Check

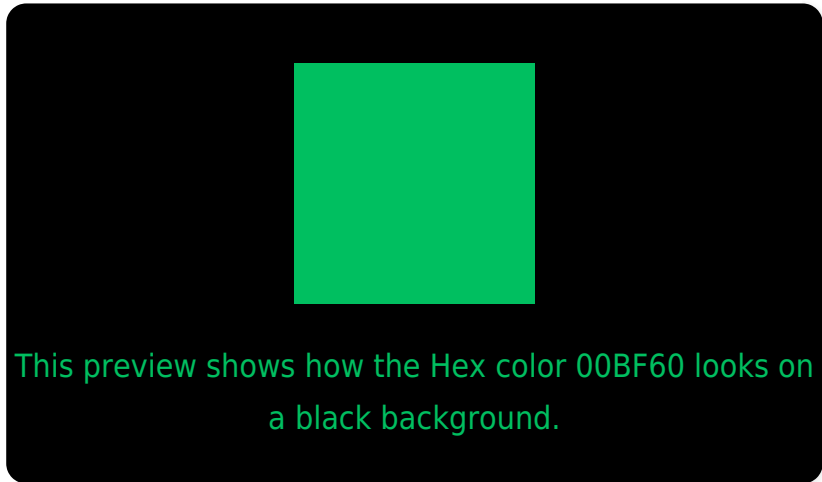
Large Text (above 18pt) WCAG AA × Fail

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 00BF60 Background



This preview shows how black text looks on a background with the Hex color 00BF60.

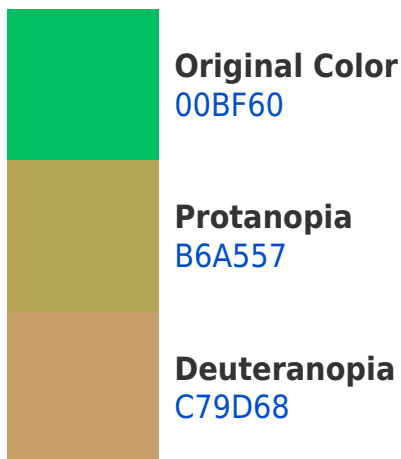


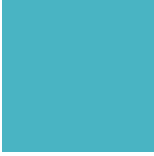
This preview shows how white text looks on a background with the Hex color 00BF60.

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
49B4C3

Trichromacy



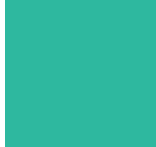
Original Color
00BF60



Protanomaly
74AE5A



Deuteranomaly
7FA965



Tritanomaly
2EB89F

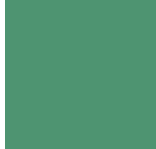
Monochromacy



Original Color
00BF60



Achromatopsia
7B7B7B



Achromatomaly
4E9471

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BF60 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 #00BF60 looks like.

```
.text, #text, p{  
    color:#00BF60  
}
```

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 #00BF60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BF60
}
```

Border

The CSS property to change the border of an element to Hex 00BF60 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
#00BF60 }
```

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

```
.border{ border-color:#00BF60 }
```

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

Here you see how a box with a 4 pixel #00BF60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BF60; -webkit-box-shadow:4px 4px  
4px 4px #00BF60; box-shadow:4px 4px 4px  
4px #00BF60 }
```

Background

The CSS property to change the background color of an element to Hex 00BF60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BF60 }
```

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

```
.background{ background-color:#00BF60 }
```

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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