

Converting Colors

Hex(00BF00)

Have a look what the booklet for
Hex(00BF00) contains.

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Color

Hex(00BF00)

Conversions

Conversions Part 1

Format	Color
Hex	00BF00
RGB	0, 191, 0
RGB Percent	0%, 75%, 0%
CMY	1.0000, 0.2510, 1.0000
CMYK	1.00, 0.00, 1.00, 0.25
HSL	120°, 100%, 37%
HSV	120°, 100%, 75%
XYZ	18.6308, 37.2616, 6.2103
YIQ	112.1170, -52.5250, -99.8930

Conversions

Conversions Part 2

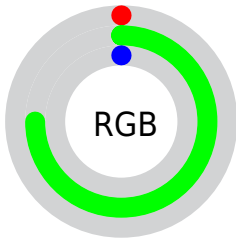
Format	Color
RYB	0, 191, 191
Decimal	48896
CIELab	67.47, -69.35, 66.93
CIELCh	67, 96.381, 136.016
Yxy	37.2616, 0.3000, 0.6000
Android (android.graphics.Color)	4278238976 (0xFF00BF00)
YUV	112.1170, -55.2737, -98.3266
Hunter-Lab	61.0423, -52.3438, 36.6976

Details

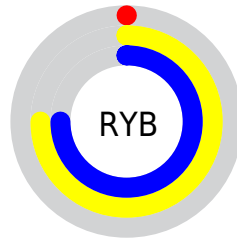
The Hex color **00BF00** is a dark color, and the websafe version is hex **33CC00**. A complement of this color would be **BF00BF**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **66F94E**, and **008800** is the 20% darker color. If you saturate the color by 10%, you get **00BF00**, and if you desaturate by 10%, it is **13BF13**.

Distribution



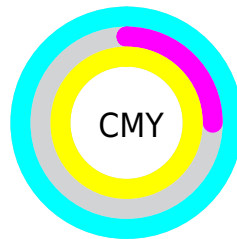
- Red (0%)
- Green (75%)
- Blue (0%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00BF00 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 00BF00 by changing the saturation by 10% instead.

 00BF00

 00BF00

FFFFFF

 00A300

 66F94E

 008800

 86FF6B

 006D00

 A5FF87

 005300

 C4FFA4

 003B00

 E3FFC0

 002100

 FFFFDD

 000000

 FFFFFB

 00BF00

 13BF13

 26BF26

 39BF39

 4CBF4C

 60BF60

 73BF73

 86BF86

 99BF99

 ACBFAC

Harmonies

Analogous

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



9BAF00



00BF00



00C777

Triad

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



00BF00



00BAFF



FF2D7A

Complementary

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



00BF00



BF00BF

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.



FF38D1



00BF00



009FFF

Square

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



00BF00



00C7FF



DF72FF



FF6523

Rectangle

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



00BF00



00C9B4



DF72FF



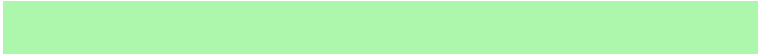
FF2197

Sweetspot

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



00BF00



ADF7AD



BFBF00



507D50



FCFCFC



7D7D7D

Same Dimension

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



00BF00



00F700



00BF60



555E55



009E00



001F00

Inverse Universe

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



BF00BF



F700F7



BF0060



5E555E



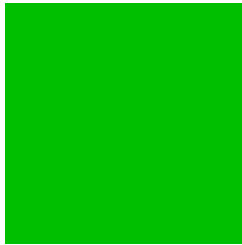
9E009E



1F001F

Previews

White Background



This preview shows how the Hex color 00BF00 looks on a white background.

Color Contrast Check

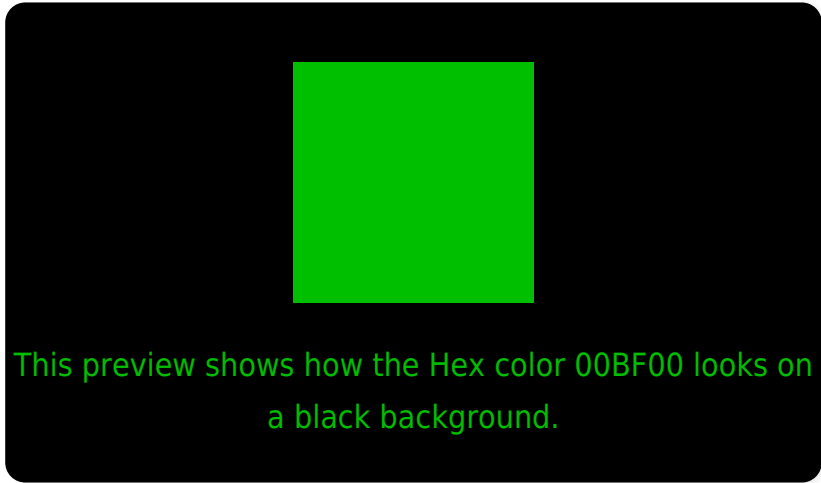
Large Text (above 18pt) WCAG AA × Fail

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 00BF00 Background



This preview shows how black text looks on a background with the Hex color 00BF00.

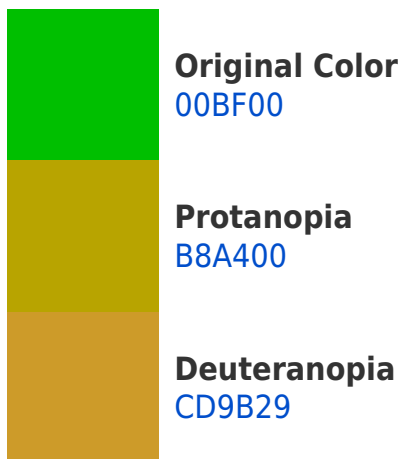


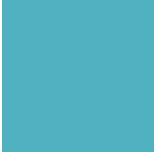
This preview shows how white text looks on a background with the Hex color 00BF00.

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](#).

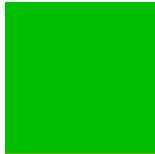
Dichromacy





Tritanopia
50B2C0

Trichromacy



Original Color

00BF00



Protanomaly

75AE00



Deuteranomaly

82A81A



Tritanomaly

33B77A

Monochromacy



Original Color

00BF00



Achromatopsia

707070



Achromatomaly

478D47

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BF00 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 #00BF00 looks like.

```
.text, #text, p{  
    color:#00BF00  
}
```

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 #00BF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BF00
}
```

Border

The CSS property to change the border of an element to Hex 00BF00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

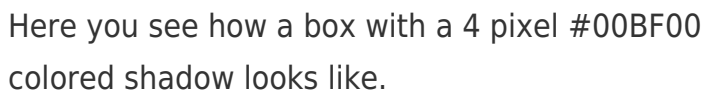
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00BF00 }
```

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

```
.border{ border-color:#00BF00 }
```

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



Here you see how a box with a 4 pixel #00BF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BF00; -webkit-box-shadow:4px 4px  
4px 4px #00BF00; box-shadow:4px 4px 4px  
4px #00BF00 }
```

Background

The CSS property to change the background color of an element to Hex 00BF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BF00 }
```

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

```
.background{ background-color:#00BF00 }
```

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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