

# Converting Colors

Hex(00BA00)

Have a look what the booklet for  
Hex(00BA00) contains.

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**Color**

**Hex(00BA00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BA00
RGB	0, 186, 0
RGB Percent	0%, 73%, 0%
CMY	1.0000, 0.2706, 1.0000
CMYK	1.00, 0.00, 1.00, 0.27
HSL	120°, 100%, 36%
HSV	120°, 100%, 73%
XYZ	17.5589, 35.1178, 5.8530
YIQ	109.1820, -51.1500, -97.2780

# Conversions

## Conversions Part 2

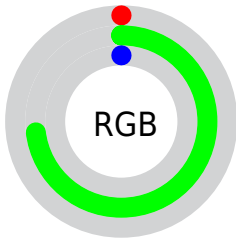
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 186, 186
Decimal	47616
CIELab	65.84, -67.99, 65.62
CIELCh	66, 94.496, 136.016
Yxy	35.1178, 0.3000, 0.6000
Android (android.graphics.Color)	4278237696 (0xFF00BA00)
YUV	109.1820, -53.8267, -95.7526
Hunter-Lab	59.2603, -50.8157, 35.6263

# Details

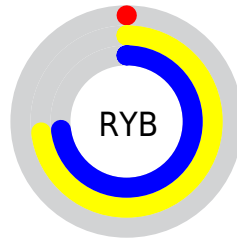
The Hex color **00BA00** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BA00BA**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **64F44D**, and **008300** is the 20% darker color. If you saturate the color by 10%, you get **00BA00**, and if you desaturate by 10%, it is **13BA13**.

# Distribution



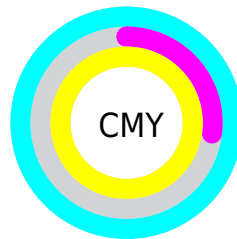
- Red (0%)
- Green (73%)
- Blue (0%)



- Red (0%)
- Yellow (73%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (100%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00BA00 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 00BA00 by changing the saturation by 10% instead.



 00BA00

 00BA00

FFFFFF

 009E00

 64F44D

 008300

 84FF6A

 006800

 A4FF86

 004F00

 C2FFA2

 003700

 E1FFBF

 001D00

 FFFFDC

 000000

 FFFFF9

 00BA00

 13BA13

 25BA25

 38BA38

 4ABA4A

 5DBA5D

 70BA70

 82BA82

 95BA95

 A7BAA7

# Harmonies

## Analogous

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



97AA00



00BA00



00C274

# Triad

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



00BA00



00B6FF



FF2B77

# Complementary

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



00BA00



BA00BA

# 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.



FF36CB



00BA00



009BFF

# Square

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



00BA00



00C1FF



D96FFF



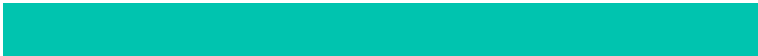
FF6221

# Rectangle

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



00BA00



00C4AF



D96FFF



FF2093



# Sweetspot

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



00BA00



AAF2AA



BABA00



4E7A4E



FAFAFA



7A7A7A



# Same Dimension

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



00BA00



00F200



00BA5D



535C53



009C00



001C00



# Inverse Universe

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



BA00BA



F200F2



BA005D



5C535C



9C009C

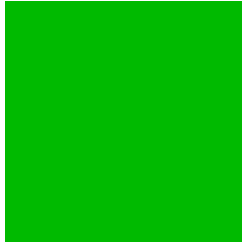


1C001C



# Previews

## White Background



This preview shows how the Hex color 00BA00 looks on a white background.

## Color Contrast Check

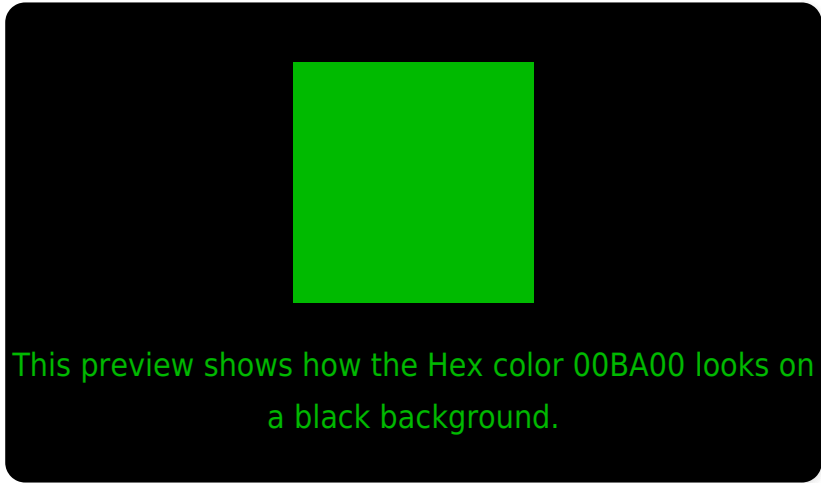
Large Text (above 18pt) WCAG AA × Fail

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 00BA00 Background



This preview shows how black text looks on a background with the Hex color 00BA00.



This preview shows how white text looks on a background with the Hex color 00BA00.

# 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



**Original Color**  
00BA00

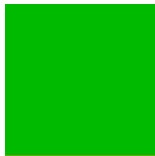
**Protanopia**  
B39F00

**Deuteranopia**  
C89728



**Tritanopia**  
4EADBB

# Trichromacy



**Original Color**  
00BA00



**Protanomaly**  
72A900



**Deuteranomaly**  
7FA419



**Tritanomaly**  
32B277

# Monochromacy



**Original Color**  
00BA00



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
458945

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00BA00 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 #00BA00 looks like.

```
.text, #text, p{  
    color:#00BA00  
}
```

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 #00BA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BA00
}
```

## Border

The CSS property to change the border of an element to Hex 00BA00 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".

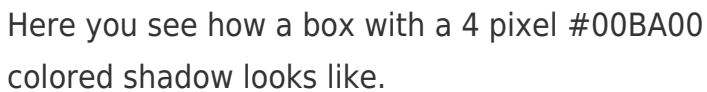
```
.border, #border, table{ border:4px solid
#00BA00 }
```

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

```
.border{ border-color:#00BA00 }
```

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

Here you see how a box with a 4 pixel #00BA00 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a thick green border on the top, bottom, and left sides, and a thin green border on the right side. The shadow is a solid green color and is positioned to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BA00; -webkit-box-shadow:4px 4px  
4px 4px #00BA00; box-shadow:4px 4px 4px  
4px #00BA00 }
```

# Background

The CSS property to change the background color of an element to Hex 00BA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BA00 }
```

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

```
.background{ background-color:#00BA00 }
```

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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