

# Converting Colors

Hex(00BC06)

Have a look what the booklet for  
Hex(00BC06) contains.

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**Color**

**Hex(00BC06)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BC06
RGB	0, 188, 6
RGB Percent	0%, 74%, 2%
CMY	1.0000, 0.2627, 0.9765
CMYK	1.00, 0.00, 0.97, 0.26
HSL	122°, 100%, 37%
HSV	122°, 100%, 74%
XYZ	18.0161, 35.9796, 6.1675
YIQ	111.0400, -53.6260, -96.4580

# Conversions

## Conversions Part 2

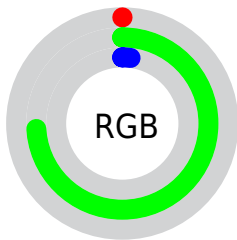
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 182, 188
Decimal	48134
CIELab	66.50, -68.40, 65.44
CIELCh	67, 94.665, 136.269
Yxy	35.9796, 0.2995, 0.5980
Android (android.graphics.Color)	4278238214 (0xFF00BC06)
YUV	111.0400, -51.7847, -97.3821
Hunter-Lab	59.9830, -51.3572, 35.8918

# Details

The Hex color **00BC06** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BC00B6**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **65F650**, and **008500** is the 20% darker color. If you saturate the color by 10%, you get **00BC06**, and if you desaturate by 10%, it is **13BC18**.

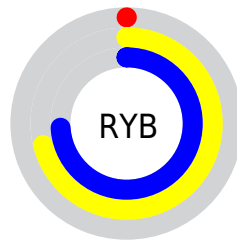
# Distribution



Red (0%)

Green (74%)

Blue (2%)



Red (0%)

Yellow (71%)

Blue (74%)

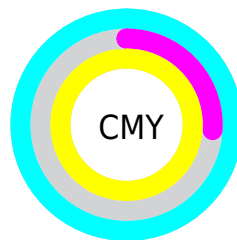


Cyan (100%)

Magenta (0%)

Yellow (97%)

Black (26%)



Cyan (100%)

Magenta (26%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00BC06 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 00BC06 by changing the saturation by 10% instead.



 00BC06

 00BC06

FFFFFF

 00A000

 65F650

 008500

 85FF6C

 006A00

 A4FF88

 005000

 C3FFA4

 003900

 E2FFC1

 001F00

 FFFFDE

 000000

 FFFFFC

 00BC06

 13BC18

 26BC2A

 38BC3D

 4BBC4F

 5EBC61

 71BC73

 84BC85

 96BC98

 A9BCAA

# Harmonies

## Analogous

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



98AC00



00BC06



00C476

# Triad

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



00BC06



00B7FF



FF2F78

# Complementary

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



00BC06



BC00B6

# 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.



FF38CD



00BC06



009DFF

# Square

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



00BC06



00C3FF



DC71FF



FF6422

# Rectangle

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



00BC06



00C6B2



DC71FF



FF2494

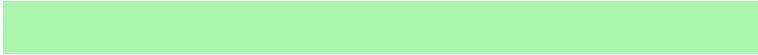


# Sweetspot

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



00BC06



ABF5AE



B9BC00



4E7A50



FAFAFA



7A7A7A



# Same Dimension

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



00BC06



00F508



00BC61



555E55



009E05



001F01



# Inverse Universe

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



BC00B6



F500ED



BC005B



5E555E



9E0099

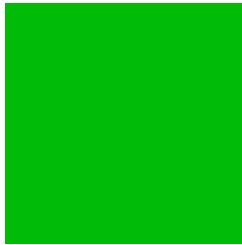


1F001E



# Previews

## White Background



This preview shows how the Hex color 00BC06 looks on a white background.

## Color Contrast Check

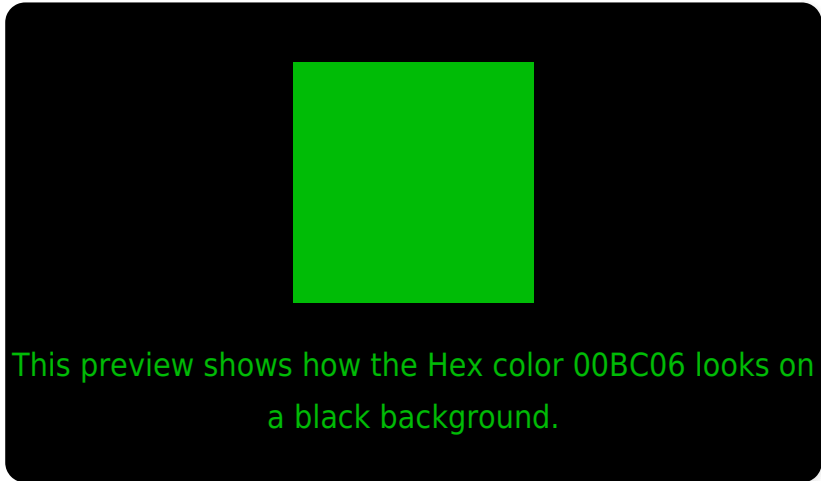
Large Text (above 18pt) WCAG AA × Fail

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 00BC06 Background



This preview shows how black text looks on a background with the Hex color 00BC06.

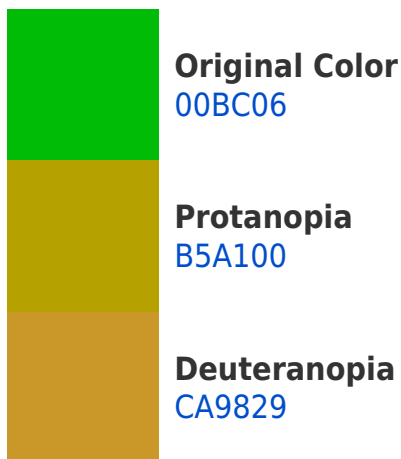


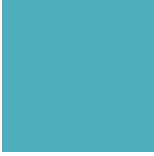
This preview shows how white text looks on a background with the Hex color 00BC06.

# 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](#).

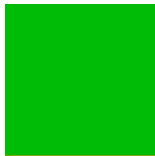
## Dichromacy





**Tritanopia**  
4FAFBD

# Trichromacy



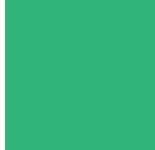
**Original Color**  
00BC06



**Protanomaly**  
73AB02



**Deuteranomaly**  
81A51C



**Tritanomaly**  
32B47A

# Monochromacy



**Original Color**  
00BC06



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
478B49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00BC06 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 #00BC06 looks like.

```
.text, #text, p{  
    color:#00BC06  
}
```

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 #00BC06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BC06
}
```

## Border

The CSS property to change the border of an element to Hex 00BC06 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".

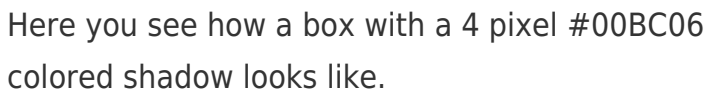
```
.border, #border, table{ border:4px solid
#00BC06 }
```

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

```
.border{ border-color:#00BC06 }
```

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

Here you see how a box with a 4 pixel #00BC06 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BC06; -webkit-box-shadow:4px 4px  
4px 4px #00BC06; box-shadow:4px 4px 4px  
4px #00BC06 }
```

# Background

The CSS property to change the background color of an element to Hex 00BC06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BC06 }
```

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

```
.background{ background-color:#00BC06 }
```

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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