

Converting Colors

Hex(00BD06)

Have a look what the booklet for
Hex(00BD06) contains.

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Color

Hex(00BD06)

Conversions

Conversions Part 1

Format	Color
Hex	00BD06
RGB	0, 189, 6
RGB Percent	0%, 74%, 2%
CMY	1.0000, 0.2588, 0.9765
CMYK	1.00, 0.00, 0.97, 0.26
HSL	122°, 100%, 37%
HSV	122°, 100%, 74%
XYZ	18.2305, 36.4083, 6.2390
YIQ	111.6270, -53.9010, -96.9810

Conversions

Conversions Part 2

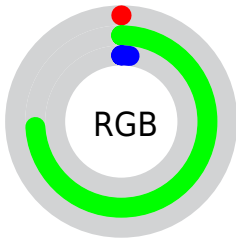
Format	Color
RYB	0, 183, 189
Decimal	48390
CIELab	66.83, -68.68, 65.71
CIELCh	67, 95.047, 136.266
Yxy	36.4083, 0.2995, 0.5981
Android (android.graphics.Color)	4278238470 (0xFF00BD06)
YUV	111.6270, -52.0741, -97.8969
Hunter-Lab	60.3393, -51.6632, 36.1071

Details

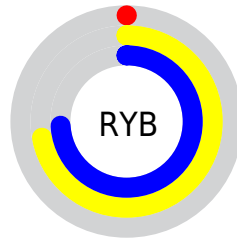
The Hex color **00BD06** is a dark color, and the websafe version is hex **33CC00**. A complement of this color would be **BD00B7**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **65F750**, and **008600** is the 20% darker color. If you saturate the color by 10%, you get **00BD06**, and if you desaturate by 10%, it is **13BD18**.

Distribution



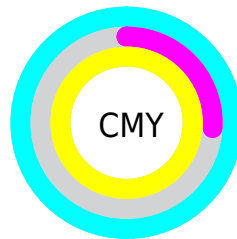
- Red (0%)
- Green (74%)
- Blue (2%)



- Red (0%)
- Yellow (72%)
- 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 00BD06 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 00BD06 by changing the saturation by 10% instead.

 00BD06

 00BD06

FFFFFF

 00A100

 65F750

 008600

 85FF6C

 006B00

 A5FF88

 005100

 C3FFA5

 003A00

 E2FFC1

 002000

 FFFFDE

 000000

 FFFFFC

 00BD06

 13BD18

 26BD2B

 39BD3D

 4CBD4F

 5FBD62

 71BD74

 84BD86

 97BD98

 AABDAB

Harmonies

Analogous

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



99AD00



00BD06



00C577

Triad

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



00BD06



00B8FF



FF2F79

Complementary

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



00BD06



BD00B7

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.



FF38CE



00BD06



009DFF

Square

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



00BD06



00C4FF



DD71FF



FF6422

Rectangle

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



00BD06



00C7B3



DD71FF



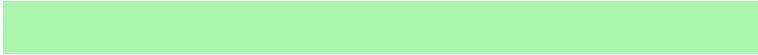
FF2495

Sweetspot

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



00BD06



ABF5AE



BABD00



4E7A50



FAFAFA



7A7A7A

Same Dimension

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



00BD06



00F508



00BD62



555E55



009E05



001F01

Inverse Universe

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



BD00B7



F500ED



BD005B



5E555E



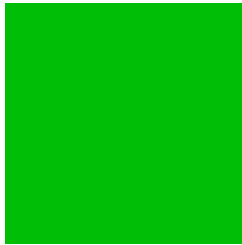
9E0099



1F001E

Previews

White Background



This preview shows how the Hex color 00BD06 looks on a white background.

Color Contrast Check

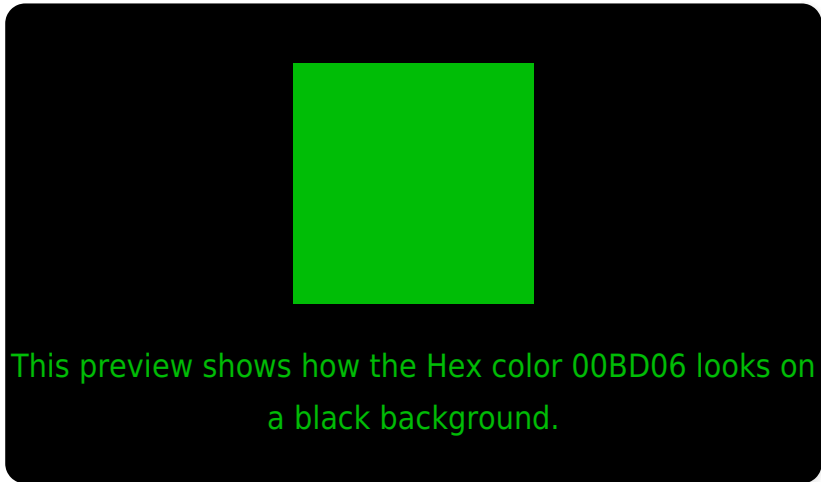
Large Text (above 18pt) WCAG AA × Fail

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 00BD06 Background



This preview shows how black text looks on a background with the Hex color 00BD06.

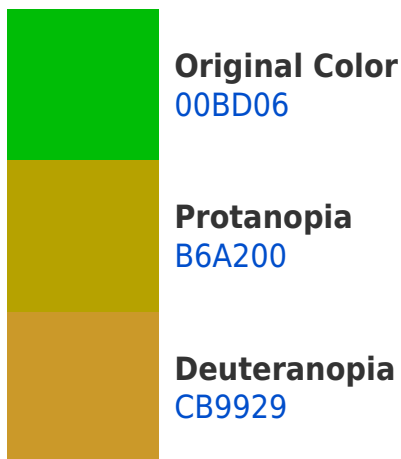


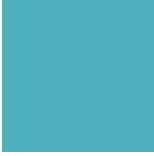
This preview shows how white text looks on a background with the Hex color 00BD06.

Color Blindness Simulation

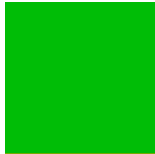
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
00BD06



Protanomaly
74AC02



Deuteranomaly
81A61C



Tritanomaly
32B57B

Monochromacy



Original Color
00BD06



Achromatopsia
707070



Achromatomaly
478C49

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BD06 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 #00BD06 looks like.

```
.text, #text, p{  
    color:#00BD06  
}
```

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 #00BD06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BD06
}
```

Border

The CSS property to change the border of an element to Hex 00BD06 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".

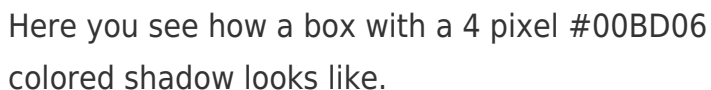
```
.border, #border, table{ border:4px solid
#00BD06 }
```

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

```
.border{ border-color:#00BD06 }
```

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

Here you see how a box with a 4 pixel #00BD06 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BD06; -webkit-box-shadow:4px 4px  
4px 4px #00BD06; box-shadow:4px 4px 4px  
4px #00BD06 }
```

Background

The CSS property to change the background color of an element to Hex 00BD06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BD06 }
```

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

```
.background{ background-color:#00BD06 }
```

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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