

Converting Colors

Hex(00B513)

Have a look what the booklet for
Hex(00B513) contains.

Hex(00B513)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00B513)

Conversions

Conversions Part 1

Format	Color
Hex	00B513
RGB	0, 181, 19
RGB Percent	0%, 71%, 7%
CMY	1.0000, 0.2902, 0.9255
CMYK	1.00, 0.00, 0.90, 0.29
HSL	126°, 100%, 35%
HSV	126°, 100%, 71%
XYZ	16.6414, 33.0948, 6.1269
YIQ	108.4130, -55.8740, -88.7540

Conversions

Conversions Part 2

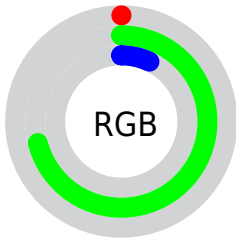
Format	Color
RYB	0, 164, 181
Decimal	46355
CIELab	64.24, -66.13, 61.70
CIELCh	64, 90.446, 136.986
Yxy	33.0948, 0.2979, 0.5924
Android (android.graphics.Color)	4278236435 (0xFF00B513)
YUV	108.4130, -44.0806, -95.0782
Hunter-Lab	57.5280, -49.0385, 33.9550

Details

The Hex color **00B513** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B500A2**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **62EE53**, and **007E00** is the 20% darker color. If you saturate the color by 10%, you get **00B513**, and if you desaturate by 10%, it is **12B523**.

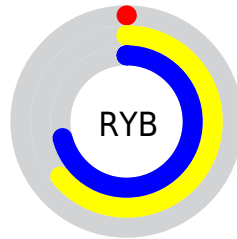
Distribution



Red (0%)

Green (71%)

Blue (7%)



Red (0%)

Yellow (64%)

Blue (71%)

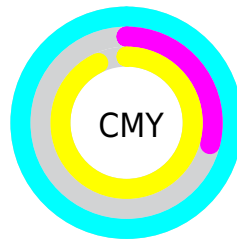


Cyan (100%)

Magenta (0%)

Yellow (90%)

Black (29%)



Cyan (100%)

Magenta (29%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B513 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 00B513 by changing the saturation by 10% instead.

 00B513

 00B513

FFFFFF

 009900

 62EE53

 007E00

 82FF6F

 006400

 A1FF8A

 004A00

 C0FFA7

 003300

 DEFFC3

 001700

 FDFFE0

 000000

FFFFFFE

 00B513

 12B523

 24B533


 36B544

 48B554

 5BB564

 6DB574

 7FB584

 91B595

 A3B5A5

Harmonies

Analogous

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



91A600



00B513



00BC74

Triad

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



00B513



00B0FF



FF3372

Complementary

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



00B513



B500A2

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.



FF39C2



00B513



0096FF

Square

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



00B513



00BCFF



D66CFF



FF6321

Rectangle

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



00B513



00BEAD



D66CFF



FF2A8D

Sweetspot

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



00B513



A4EBAC



A3B500



4B7550



F5F5F5



757575

Same Dimension

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



00B513



00EB19



00B56D



505951



009910



001A03

Inverse Universe

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



B500A2



EB00D2



B50048



595058



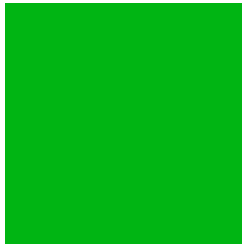
990089



1A0017

Previews

White Background



This preview shows how the Hex color 00B513 looks on a white background.

Color Contrast Check

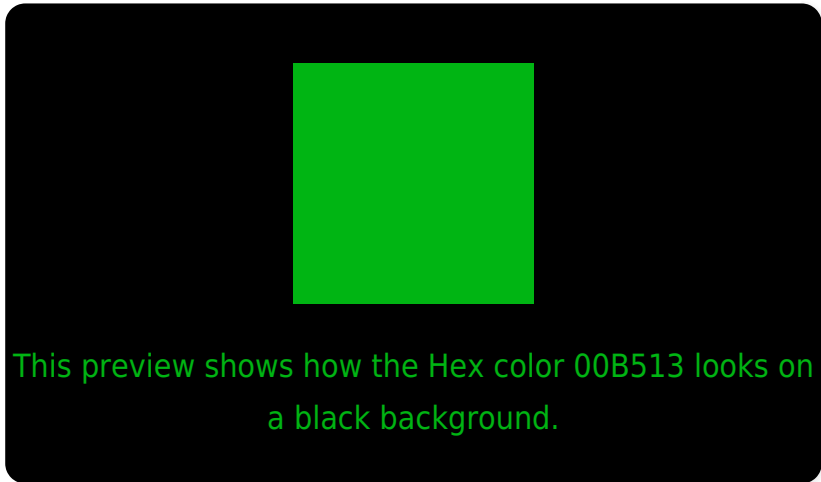
Large Text (above 18pt) WCAG AA × Fail

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 00B513 Background



This preview shows how black text looks on a background with the Hex color 00B513.

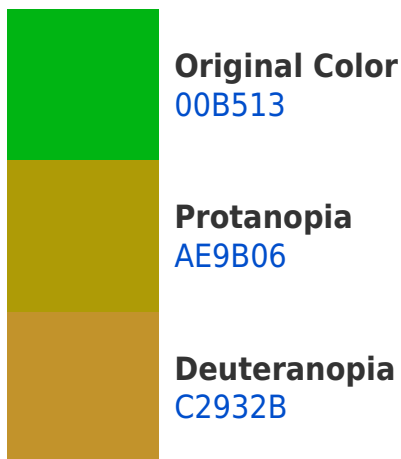


This preview shows how white text looks on a background with the Hex color 00B513.

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
4CA8B6

Trichromacy



Original Color
00B513



Protanomaly
6FA40B

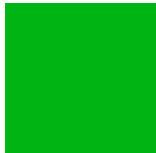


Deuteranomaly
7B9F22



Tritanomaly
30AD7B

Monochromacy



Original Color
00B513



Achromatopsia
6C6C6C



Achromatomaly
45874C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B513 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 #00B513 looks like.

```
.text, #text, p{  
    color:#00B513  
}
```

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 #00B513 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B513
}
```

Border

The CSS property to change the border of an element to Hex 00B513 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
#00B513 }
```

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

```
.border{ border-color:#00B513 }
```

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

Here you see how a box with a 4 pixel #00B513 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B513; -webkit-box-shadow:4px 4px  
4px 4px #00B513; box-shadow:4px 4px 4px  
4px #00B513 }
```

Background

The CSS property to change the background color of an element to Hex 00B513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B513 }
```

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

```
.background{ background-color:#00B513 }
```

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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