

Converting Colors

Hex(00B813)

Have a look what the booklet for
Hex(00B813) contains.

Hex(00B813)	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(00B813)

Conversions

Conversions Part 1	
Format	Color
Hex	00B813
RGB	0, 184, 19
RGB Percent	0%, 72%, 7%
CMY	1.0000, 0.2784, 0.9255
CMYK	1.00, 0.00, 0.90, 0.28
HSL	126°, 100%, 36%
HSV	126°, 100%, 72%
XYZ	17.2580, 34.3280, 6.3325
YIQ	110.1740, -56.6990, -90.3230

Conversions

Conversions Part 2

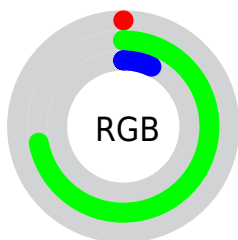
Format	Color
RYB	0, 167, 184
Decimal	47123
CIELab	65.22, -66.96, 62.55
CIELCh	65, 91.634, 136.952
Yxy	34.3280, 0.2980, 0.5927
Android (android.graphics.Color)	4278237203 (0xFF00B813)
YUV	110.1740, -44.9488, -96.6226
Hunter-Lab	58.5901, -49.9545, 34.6050

Details

The Hex color **00B813** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B800A5**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **63F154**, and **008100** is the 20% darker color. If you saturate the color by 10%, you get **00B813**, and if you desaturate by 10%, it is **12B823**.

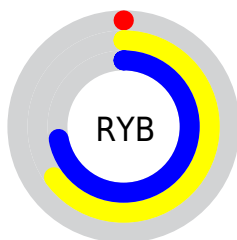
Distribution



Red (0%)

Green (72%)

Blue (7%)



Red (0%)

Yellow (65%)

Blue (72%)

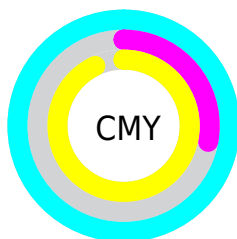


Cyan (100%)

Magenta (0%)

Yellow (90%)

Black (28%)



Cyan (100%)

Magenta (28%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Hex color 00B813 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 00B813 by changing the saturation by 10% instead.

 00B813

FFFFFF

 63F154

 83FF6F

 A2FF8B

 C1FFA7

 E0FFC4

 FFFFE1

FFFFFFE

 00B813

 00B813

 009C00

 008100

 006700

 004D00

 003600

 001B00

 000000

 12B823

 25B834

 37B844

 4AB855

 5CB865

 6EB876

 81B886

 93B897

 A6B8A8

Harmonies

Analogous

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



94A900



00B813



00BF76

Triad

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



00B813



00B3FF



FF3474

Complementary

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



00B813



B800A5

Split Complementary

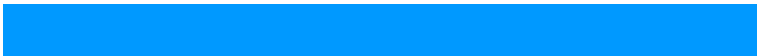
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF3AC6



00B813



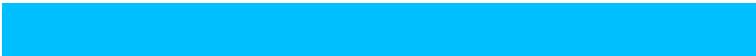
0099FF

Square

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



00B813



00BFFF



D96EFF



FF6422

Rectangle

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



00B813



00C1B0



D96EFF



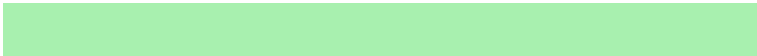
FF2B8F

Sweetspot

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



00B813



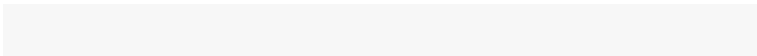
A8F0AF



A6B800



4D7851



F7F7F7



787878

Same Dimension

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



00B813



00F019



00B86E



535C54



009C10



001C03

Inverse Universe

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



B800A5



F000D7



B8004A



5C535B



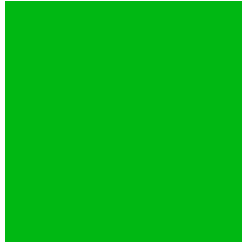
9C008B



1C0019

Previews

White Background



This preview shows how the Hex color 00B813 looks on a white background.

Color Contrast Check

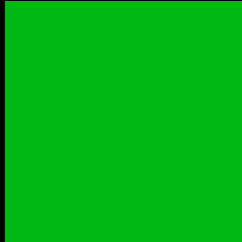
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 00B813 looks on a 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 00B813 Background



This preview shows how black text looks on a background with the Hex color 00B813.



This preview shows how white text looks on a background with the Hex color 00B813.

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](#).

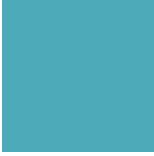
Dichromacy



Original Color
00B813

Protanopia
B19E04

Deuteranopia
C5952B



Tritanopia

4DABB9

Trichromacy



Original Color

00B813



Protanomaly

71A709



Deuteranomaly

7DA222



Tritanomaly

31B07D

Monochromacy



Original Color

00B813



Achromatopsia

6E6E6E



Achromatomaly

46894D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B813 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 #00B813 looks like.

```
.text, #text, p{  
    color:#00B813  
}
```

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 #00B813 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B813
}
```

Border

The CSS property to change the border of an element to Hex 00B813 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
#00B813 }
```

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

```
.border{ border-color:#00B813 }
```

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

Here you see how a box with a 4 pixel #00B813 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B813; -webkit-box-shadow:4px 4px  
4px 4px #00B813; box-shadow:4px 4px 4px  
4px #00B813 }
```

Background

The CSS property to change the background color of an element to Hex 00B813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B813 }
```

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

```
.background{ background-color:#00B813 }
```

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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