

Converting Colors

Hex(00B315)

Have a look what the booklet for
Hex(00B315) contains.

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Color

Hex(00B315)

Conversions

Conversions Part 1

Format	Color
Hex	00B315
RGB	0, 179, 21
RGB Percent	0%, 70%, 8%
CMY	1.0000, 0.2980, 0.9176
CMYK	1.00, 0.00, 0.88, 0.30
HSL	127°, 100%, 35%
HSV	127°, 100%, 70%
XYZ	16.2555, 32.2943, 6.0861
YIQ	107.4670, -55.9660, -87.0860

Conversions

Conversions Part 2

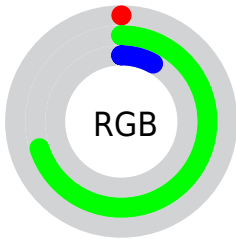
Format	Color
RYB	0, 160, 179
Decimal	45845
CIELab	63.59, -65.50, 60.75
CIELCh	64, 89.334, 137.157
Yxy	32.2943, 0.2975, 0.5911
Android (android.graphics.Color)	4278235925 (0xFF00B315)
YUV	107.4670, -42.6282, -94.2486
Hunter-Lab	56.8281, -48.3900, 33.4299

Details

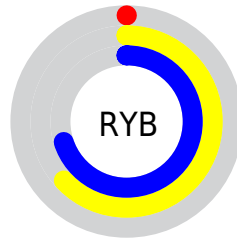
The Hex color **00B315** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B3009E**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **61EC54**, and **007C00** is the 20% darker color. If you saturate the color by 10%, you get **00B315**, and if you desaturate by 10%, it is **12B325**.

Distribution



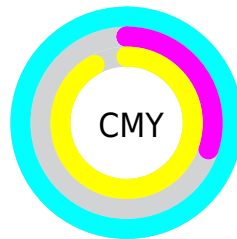
- Red (0%)
- Green (70%)
- Blue (8%)



- Red (0%)
- Yellow (63%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (88%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B315 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 00B315 by changing the saturation by 10% instead.

 00B315

 00B315

FFFFFF

 009700

 61EC54

 007C00

 81FF6F

 006200

 A0FF8B

 004900

 BFFFA7

 003100

 DDFFC3

 001500

 FCFE0

 000000

FFFFFFE

 00B315

 12B325

 24B335

 36B344

 48B354

 5AB364

 6BB374

 7DB384

 8FB393

 A1B3A3

Harmonies

Analogous

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



8FA400



00B315



00BA74

Triad

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



00B315



00AEFF



FF3470

Complementary

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



00B315



B3009E

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.



FF39C0



00B315



0094FF

Square

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



00B315



00B9FF



D46BFF



FF6221

Rectangle

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



00B315



00BCAC



D46BFF



FF2B8B

Sweetspot

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



00B315



A2E8AB



9EB300



4B7550



F5F5F5



757575

Same Dimension

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



00B315



00E81B



00B36E



505951



009912



001A03

Inverse Universe

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



B3009E



E800CD



B30045



595058



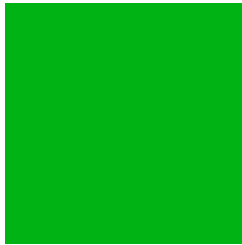
990087



1A0017

Previews

White Background



This preview shows how the Hex color 00B315 looks on a white background.

Color Contrast Check

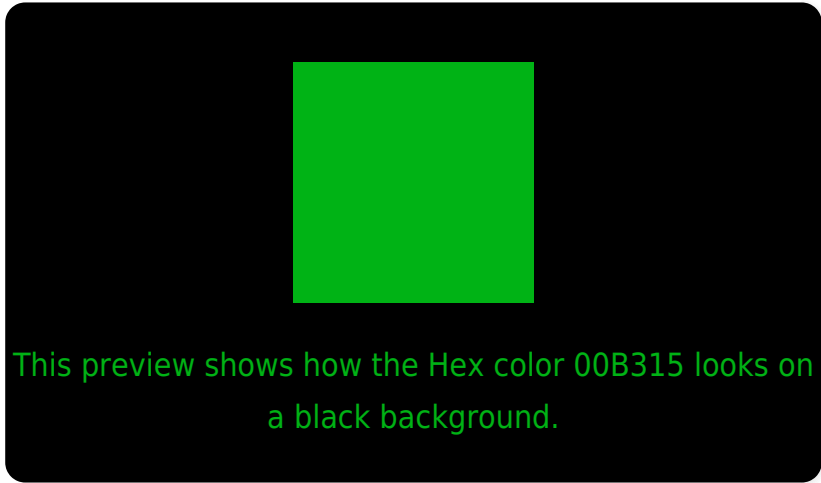
Large Text (above 18pt) WCAG AA × Fail

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

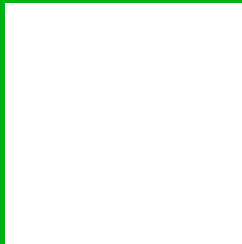
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00B315 Background



This preview shows how black text looks on a background with the Hex color 00B315.



This preview shows how white text looks on a background with the Hex color 00B315.

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](#).

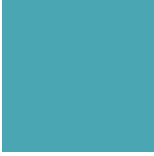
Dichromacy



Original Color
00B315

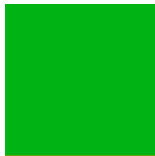
Protanopia
AC990B

Deuteranopia
C0912B



Tritanopia
4BA6B4

Trichromacy



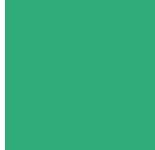
Original Color
00B315



Protanomaly
6DA20F



Deuteranomaly
7A9D23



Tritanomaly
30AB7A

Monochromacy



Original Color
00B315



Achromatopsia
6B6B6B



Achromatomaly
44854C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B315 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 #00B315 looks like.

```
.text, #text, p{  
    color:#00B315  
}
```

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 #00B315 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B315
}
```

Border

The CSS property to change the border of an element to Hex 00B315 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".

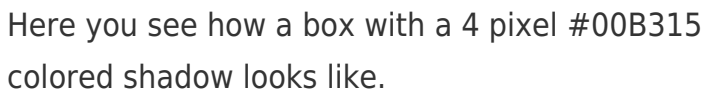
```
.border, #border, table{ border:4px solid
#00B315 }
```

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

```
.border{ border-color:#00B315 }
```

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

Here you see how a box with a 4 pixel #00B315 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B315; -webkit-box-shadow:4px 4px  
4px 4px #00B315; box-shadow:4px 4px 4px  
4px #00B315 }
```

Background

The CSS property to change the background color of an element to Hex 00B315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B315 }
```

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

```
.background{ background-color:#00B315 }
```

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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