

Converting Colors

Hex(00B345)

Have a look what the booklet for
Hex(00B345) contains.

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Color

Hex(00B345)

Conversions

Conversions Part 1

Format	Color
Hex	00B345
RGB	0, 179, 69
RGB Percent	0%, 70%, 27%
CMY	1.0000, 0.2980, 0.7294
CMYK	1.00, 0.00, 0.61, 0.30
HSL	143°, 100%, 35%
HSV	143°, 100%, 70%
XYZ	17.1943, 32.6699, 11.0299
YIQ	112.9390, -71.3740, -72.1580

Conversions

Conversions Part 2

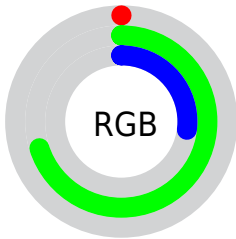
Format	Color
RYB	0, 129, 179
Decimal	45893
CIELab	63.89, -61.58, 44.51
CIELCh	64, 75.986, 144.140
Yxy	32.6699, 0.2824, 0.5365
Android (android.graphics.Color)	4278235973 (0xFF00B345)
YUV	112.9390, -21.6619, -99.0475
Hunter-Lab	57.1576, -46.3289, 28.5689

Details

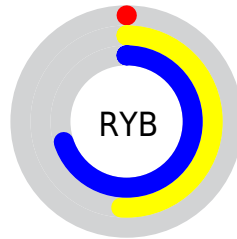
The Hex color **00B345** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B3006E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **5FEC79**, and **007D0E** is the 20% darker color. If you saturate the color by 10%, you get **00B345**, and if you desaturate by 10%, it is **12B350**.

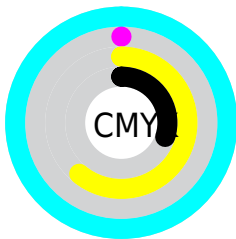
Distribution



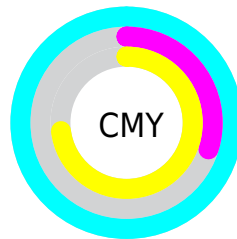
- Red (0%)
- Green (70%)
- Blue (27%)



- Red (0%)
- Yellow (51%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B345 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 00B345 by changing the saturation by 10% instead.

 00B345

 00B345

FFFFFF

 00972B

 5FEC79

 007D0E

 7FFF94

 006200

 9DFFAF

 004900

 BBFFCB

 003200

 DAFFE8

 001600

 F8FFFF

 000000

 00B345

 12B350

 24B35B

 36B366

 48B371

 5AB37C

 6BB387

 7DB392

 8FB39D

 A1B3A8

Harmonies

Analogous

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



85A700



00B345



00B88B

Triad

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



00B345



00A7FF



FF5868

Complementary

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



00B345



B3006E

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.



FF52AB



00B345



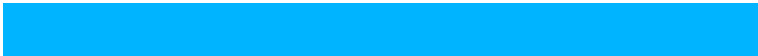
7B8FFF

Square

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



00B345



00B4FF



DF6DEB



F57629

Rectangle

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



00B345



00BABA



DF6DEB



FF527E

Sweetspot

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



00B345



A2E8BD



6EB300



4B755B



F5F5F5



757575

Same Dimension

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



00B345



00E859



00B39E



505954



00993B



001A0A

Inverse Universe

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



B3006E



E8008F



B30015



595056



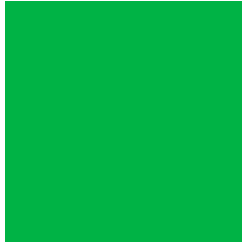
99005E



1A0010

Previews

White Background



This preview shows how the Hex color 00B345 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 00B345 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 00B345 Background



This preview shows how black text looks on a background with the Hex color 00B345.

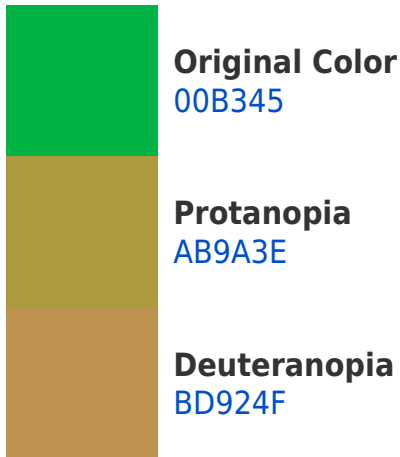


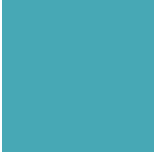
This preview shows how white text looks on a background with the Hex color 00B345.

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](#).

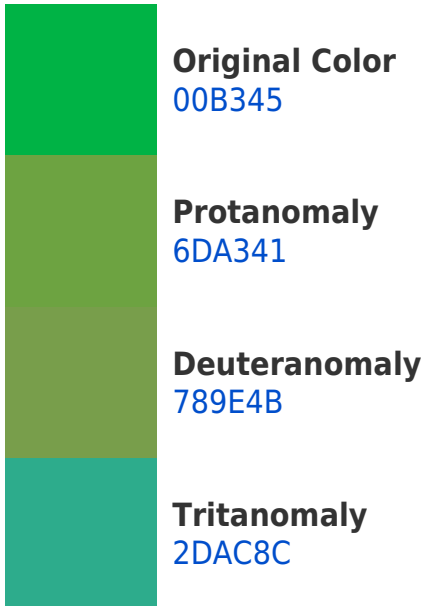
Dichromacy





Tritanopia
47A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00B345 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 #00B345 looks like.

```
.text, #text, p{  
    color:#00B345  
}
```

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 #00B345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B345
}
```

Border

The CSS property to change the border of an element to Hex 00B345 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
#00B345 }
```

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

```
.border{ border-color:#00B345 }
```

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

Here you see how a box with a 4 pixel #00B345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B345; -webkit-box-shadow:4px 4px  
4px 4px #00B345; box-shadow:4px 4px 4px  
4px #00B345 }
```

Background

The CSS property to change the background color of an element to Hex 00B345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B345 }
```

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

```
.background{ background-color:#00B345 }
```

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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