

# Converting Colors

Hex(00B34A)

Have a look what the booklet for  
Hex(00B34A) contains.

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**Color**

**Hex(00B34A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B34A
RGB	0, 179, 74
RGB Percent	0%, 70%, 29%
CMY	1.0000, 0.2980, 0.7098
CMYK	1.00, 0.00, 0.59, 0.30
HSL	145°, 100%, 35%
HSV	145°, 100%, 70%
XYZ	17.3561, 32.7346, 11.8822
YIQ	113.5090, -72.9790, -70.6030

# Conversions

## Conversions Part 2

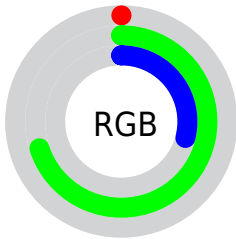
Format	Color
<a href="#">RYB</a>	<a href="#">0, 127, 179</a>
Decimal	<a href="#">45898</a>
CIELab	<a href="#">63.95, -60.93, 42.26</a>
CIELCh	<a href="#">64, 74.149, 145.252</a>
Yxy	<a href="#">32.7346, 0.2801, 0.5282</a>
Android (android.graphics.Color)	<a href="#">4278235978 (0xFF00B34A)</a>
YUV	<a href="#">113.5090, -19.4779, -99.5474</a>
Hunter-Lab	<a href="#">57.2142, -45.9762, 27.7366</a>

# Details

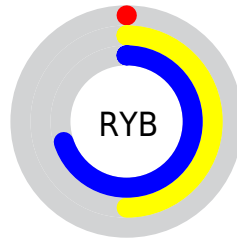
The Hex color **00B34A** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B30069**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **5FEC7E**, and **007D16** is the 20% darker color. If you saturate the color by 10%, you get **00B34A**, and if you desaturate by 10%, it is **12B355**.

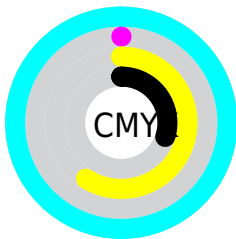
# Distribution



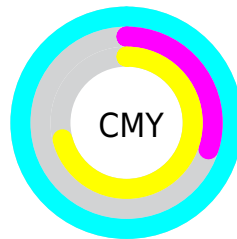
- Red (0%)
- Green (70%)
- Blue (29%)



- Red (0%)
- Yellow (50%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00B34A 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 00B34A by changing the saturation by 10% instead.



 00B34A

 00B34A

FFFFFF

 009731

 5FEC7E

 007D16

 7EFF98

 006200

 9DFFB4

 004900

 BBFFD0

 003200

 D9FFED

 001600

 F8FFFF

 000000

 00B34A

 12B355

 24B35F

 36B36A

 48B374

 5AB37F

 6BB389

 7DB393

 8FB39E

 A1B3A9

# Harmonies

## Analogous

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



83A800



00B34A



00B88E

# Triad

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



00B34A



00A6FF



FF5C67

# Complementary

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



00B34A



B30069

# 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.



FF55A8



00B34A



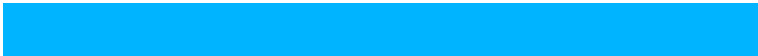
838EFF

# Square

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



00B34A



00B4FF



E06EE7



F3792A

# Rectangle

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



00B34A



00B9BC



E06EE7



FF567C



# Sweetspot

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



00B34A



A2E8BF



6BB300



4B755D



F5F5F5



757575



# Same Dimension

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



00B34A



00E860



00B3A1



505954



00993F



001A0B



# Inverse Universe

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



B30069



E80088



B30012



595056



99005A



1A000F



# Previews

## White Background



This preview shows how the Hex color 00B34A looks on a white background.

## Color Contrast Check

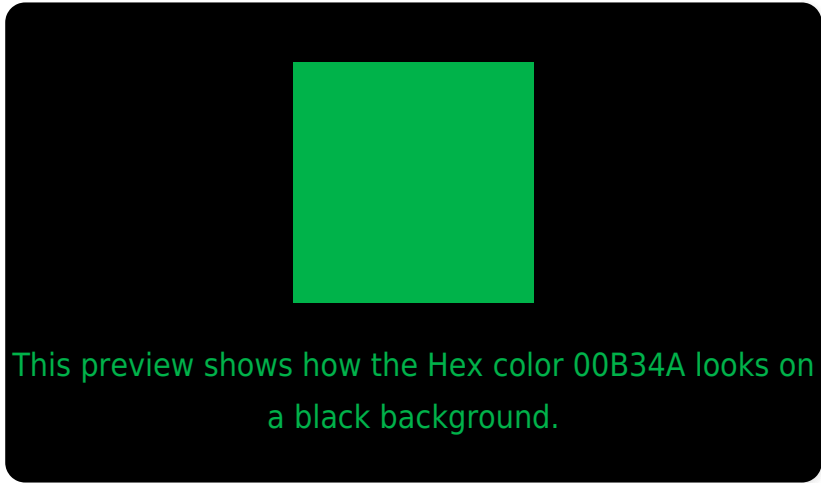
Large Text (above 18pt) WCAG AA × Fail

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 00B34A Background



This preview shows how black text looks on a background with the Hex color 00B34A.

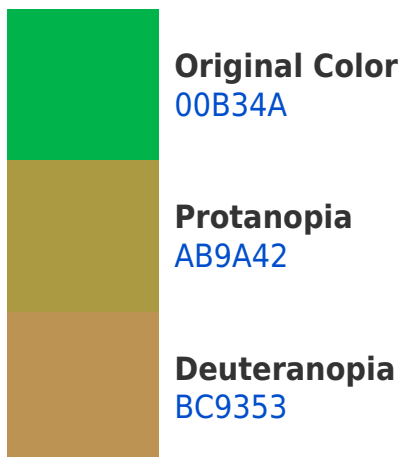


This preview shows how white text looks on a background with the Hex color 00B34A.

# 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**  
47A8B6

# Trichromacy



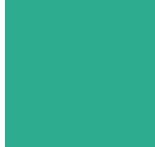
**Original Color**  
00B34A



**Protanomaly**  
6DA345



**Deuteranomaly**  
789F50



**Tritanomaly**  
2DAC8F

# Monochromacy



**Original Color**  
00B34A



**Achromatopsia**  
727272



**Achromatomaly**  
498A63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00B34A 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 #00B34A looks like.

```
.text, #text, p{  
    color:#00B34A  
}
```

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 #00B34A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B34A
}
```

## Border

The CSS property to change the border of an element to Hex 00B34A 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
#00B34A }
```

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

```
.border{ border-color:#00B34A }
```

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

Here you see how a box with a 4 pixel #00B34A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B34A; -webkit-box-shadow:4px 4px  
4px 4px #00B34A; box-shadow:4px 4px 4px  
4px #00B34A }
```

# Background

The CSS property to change the background color of an element to Hex 00B34A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B34A }
```

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

```
.background{ background-color:#00B34A }
```

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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