

# Converting Colors

Hex(00B36B)

Have a look what the booklet for  
Hex(00B36B) contains.

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**Color**

**Hex(00B36B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B36B
RGB	0, 179, 107
RGB Percent	0%, 70%, 42%
CMY	1.0000, 0.2980, 0.5804
CMYK	1.00, 0.00, 0.40, 0.30
HSL	156°, 100%, 35%
HSV	156°, 100%, 70%
XYZ	18.7739, 33.3017, 19.3483
YIQ	117.2710, -83.5720, -60.3400

# Conversions

## Conversions Part 2

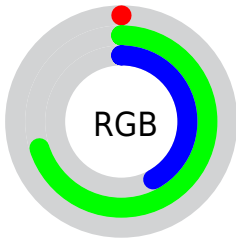
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 112, 179
Decimal	45931
CIELab	64.40, -55.38, 26.19
CIELCh	64, 61.261, 154.693
Yxy	33.3017, 0.2629, 0.4663
Android (android.graphics.Color)	4278236011 (0xFF00B36B)
YUV	117.2710, -5.0636, -102.8467
Hunter-Lab	57.7077, -42.9173, 20.5165

# Details

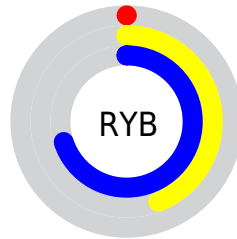
The Hex color **00B36B** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B30048**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **5EEC9F**, and **007D3A** is the 20% darker color. If you saturate the color by 10%, you get **00B36B**, and if you desaturate by 10%, it is **12B372**.

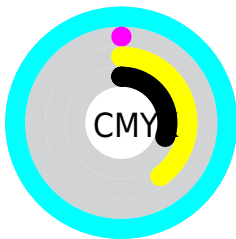
# Distribution



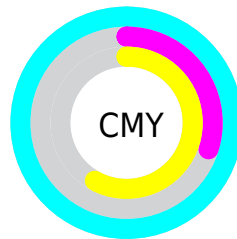
- Red (0%)
- Green (70%)
- Blue (42%)



- Red (0%)
- Yellow (44%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00B36B 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 00B36B by changing the saturation by 10% instead.



 00B36B

 00B36B

FFFFFF

 009852

 5EEC9F

 007D3A

 7DFFBA

 006324

 9CFFD6

 00490D

 BAFFF3

 003200

 D8FFFF

 001800

 F6FFFF

 000000

 00B36B

 12B372

 24B379

 36B381

 48B388

 5AB38F

 6BB396

 7DB39D

 8FB3A5

 A1B3AC

# Harmonies

## Analogous

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



78AB3B



00B36B



00B6A3

# Triad

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



00B36B



25A0FF



FA7361

# Complementary

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



00B36B



B30048

# 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.



FE6896



00B36B



A98AF7

# Square

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



00B36B



00AEFF



E573CC



DD8836

# Rectangle

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



00B36B



00B6C8



E573CC



FE6D72



# Sweetspot

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



00B36B



A2E8CC



4BB300



4B7564



F5F5F5



757575



# Same Dimension

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



00B36B



00E88B



00A4B3



505956



00995B



001A0F



# Inverse Universe

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



B30048



E8005D



B30F00



595054



99003E



1A000A



# Previews

## White Background



This preview shows how the Hex color 00B36B looks on a white background.

## Color Contrast Check

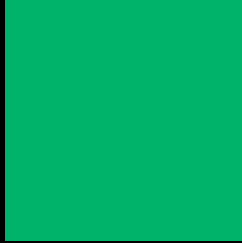
Large Text (above 18pt) WCAG AA × Fail

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 00B36B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

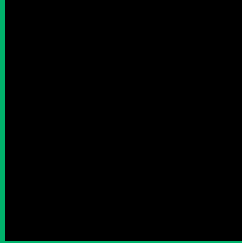
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00B36B Background



This preview shows how black text looks on a background with the Hex color 00B36B.

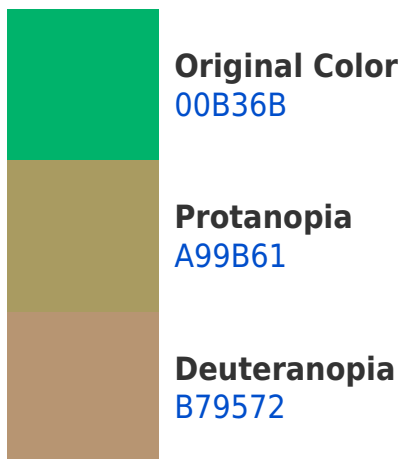


This preview shows how white text looks on a background with the Hex color 00B36B.

# 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**  
41AAB8

# Trichromacy



**Original Color**  
00B36B



**Protanomaly**  
6CA465



**Deuteranomaly**  
74A06F



**Tritanomaly**  
29AD9C

# Monochromacy



**Original Color**  
00B36B



**Achromatopsia**  
757575



**Achromatomaly**  
4A8C71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00B36B 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 #00B36B looks like.

```
.text, #text, p{  
    color:#00B36B  
}
```

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 #00B36B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B36B
}
```

## Border

The CSS property to change the border of an element to Hex 00B36B 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
#00B36B }
```

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

```
.border{ border-color:#00B36B }
```

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

Here you see how a box with a 4 pixel #00B36B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B36B; -webkit-box-shadow:4px 4px  
4px 4px #00B36B; box-shadow:4px 4px 4px  
4px #00B36B }
```

# Background

The CSS property to change the background color of an element to Hex 00B36B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B36B }
```

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

```
.background{ background-color:#00B36B }
```

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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