

# Converting Colors

Hex(00B06A)

Have a look what the booklet for  
Hex(00B06A) contains.

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**Color**

**Hex(00B06A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B06A
RGB	0, 176, 106
RGB Percent	0%, 69%, 42%
CMY	1.0000, 0.3098, 0.5843
CMYK	1.00, 0.00, 0.40, 0.31
HSL	156°, 100%, 35%
HSV	156°, 100%, 69%
XYZ	18.1269, 32.0913, 18.8745
YIQ	115.3960, -82.4260, -59.0820

# Conversions

## Conversions Part 2

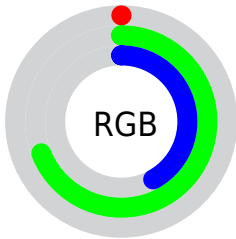
Format	Color
<a href="#">RYB</a>	<a href="#">0, 110, 176</a>
Decimal	<a href="#">45162</a>
CIELab	<a href="#">63.42, -54.52, 25.41</a>
CIELCh	<a href="#">63, 60.147, 155.007</a>
Yxy	<a href="#">32.0913, 0.2624, 0.4645</a>
Android (android.graphics.Color)	<a href="#">4278235242 (0xFF00B06A)</a>
YUV	<a href="#">115.3960, -4.6322, -101.2023</a>
Hunter-Lab	<a href="#">56.6492, -42.0188, 19.9000</a>

# Details

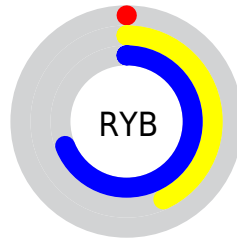
The Hex color **00B06A** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B00046**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **5DE99E**, and **007A3A** is the 20% darker color. If you saturate the color by 10%, you get **00B06A**, and if you desaturate by 10%, it is **12B071**.

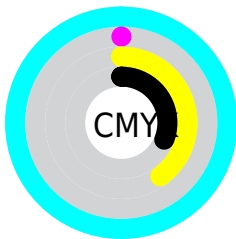
# Distribution



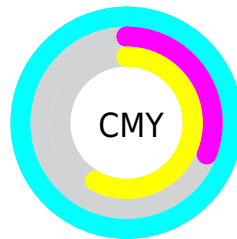
- Red (0%)
- Green (69%)
- Blue (42%)



- Red (0%)
- Yellow (43%)
- Blue (69%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (31%)



- Cyan (100%)
- Magenta (31%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00B06A 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 00B06A by changing the saturation by 10% instead.



 00B06A

 00B06A

FFFFFF

 009551

 5DE99E

 007A3A

 7CFFB9

 006023

 9BFFD5

 00470C

 B9FFF1

 003000

 D7FFFF

 001400

 F5FFFF

 000000

 00B06A

 12B071

 23B078

 35B07F

 46B086

 58B08D

 6AB094

 7BB09B

 8DB0A2

 9EB0A9

# Harmonies

## Analogous

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



76A83B



00B06A



00B3A1

# Triad

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



00B06A



2B9DFF



F5715F

# Complementary

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



00B06A



B00046

# 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.



FA6793



00B06A



A787F2

# Square

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



00B06A



00ABFA



E171C8



D98635

# Rectangle

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



00B06A



00B3C5



E171C8



FA6C6F



# Sweetspot

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



00B06A



A1E6CA



46B000



497362



F2F2F2



737373



# Same Dimension

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



00B06A



00E68A



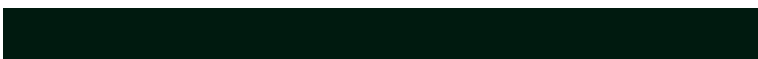
009EB0



505956



00995C



001A0F



# Inverse Universe

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



B00046



E6005B



B01200



595054



99003D



1A000A



# Previews

## White Background



This preview shows how the Hex color 00B06A looks on a white background.

## Color Contrast Check

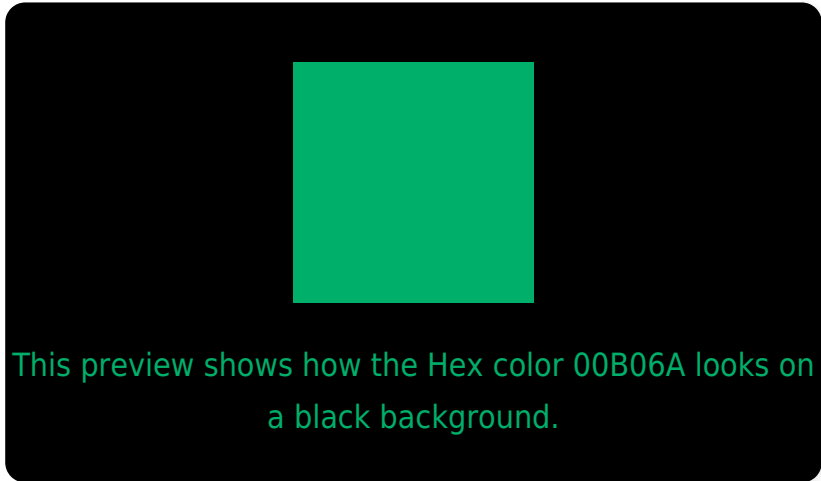
Large Text (above 18pt) WCAG AA × Fail

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 00B06A Background



This preview shows how black text looks on a background with the Hex color 00B06A.

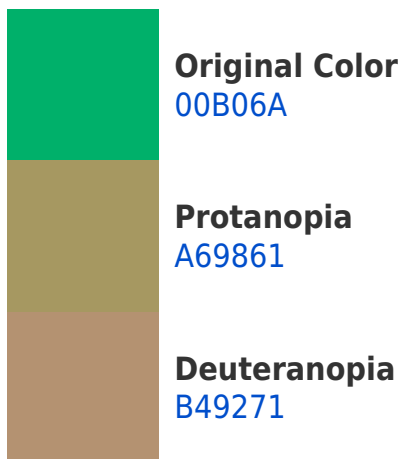


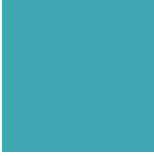
This preview shows how white text looks on a background with the Hex color 00B06A.

# 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**  
40A7B5

# Trichromacy



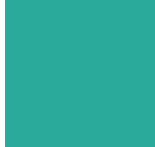
**Original Color**  
00B06A



**Protanomaly**  
6AA164



**Deuteranomaly**  
739D6E



**Tritanomaly**  
29AA9A

# Monochromacy



**Original Color**  
00B06A



**Achromatopsia**  
737373



**Achromatomaly**  
498970

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00B06A 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 #00B06A looks like.

```
.text, #text, p{  
    color:#00B06A  
}
```

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 #00B06A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B06A
}
```

## Border

The CSS property to change the border of an element to Hex 00B06A 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
#00B06A }
```

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

```
.border{ border-color:#00B06A }
```

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

Here you see how a box with a 4 pixel #00B06A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B06A; -webkit-box-shadow:4px 4px  
4px 4px #00B06A; box-shadow:4px 4px 4px  
4px #00B06A }
```

# Background

The CSS property to change the background color of an element to Hex 00B06A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B06A }
```

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

```
.background{ background-color:#00B06A }
```

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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