

# Converting Colors

Hex(00B56D)

Have a look what the booklet for  
Hex(00B56D) contains.

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**Color**

**Hex(00B56D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B56D
RGB	0, 181, 109
RGB Percent	0%, 71%, 43%
CMY	1.0000, 0.2902, 0.5725
CMYK	1.00, 0.00, 0.40, 0.29
HSL	156°, 100%, 35%
HSV	156°, 100%, 71%
XYZ	19.2842, 34.1519, 20.0436
YIQ	118.6730, -84.7640, -60.7640

# Conversions

## Conversions Part 2

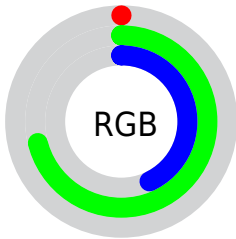
Format	Color
<b>RYB</b>	0, 113, 181
Decimal	46445
CIELab	65.08, -55.69, 26.03
CIELCh	65, 61.473, 154.952
Yxy	34.1519, 0.2624, 0.4648
Android (android.graphics.Color)	4278236525 (0xFF00B56D)
YUV	118.6730, -4.7688, -104.0762
Hunter-Lab	58.4396, -43.3670, 20.5725

# Details

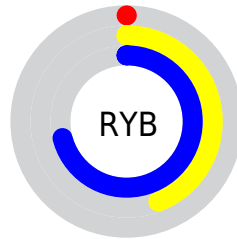
The Hex color **00B56D** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **B50048**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **5FEEA1**, and **007F3C** is the 20% darker color. If you saturate the color by 10%, you get **00B56D**, and if you desaturate by 10%, it is **12B574**.

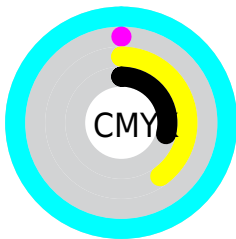
# Distribution



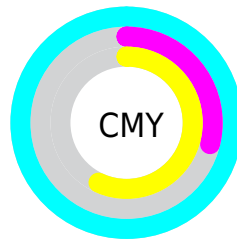
- Red (0%)
- Green (71%)
- Blue (43%)



- Red (0%)
- Yellow (44%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00B56D 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 00B56D by changing the saturation by 10% instead.



 00B56D

 00B56D

FFFFFF

 009954

 5FEEA1

 007F3C

 7EFFBC

 006425

 9CFFD8

 004B0F

 BBFFF5

 003400

 D9FFFF

 001A00

 F7FFFF

 000000

 00B56D

 12B574

 24B57B

 36B583

 48B58A

 5BB591

 6DB598

 7FB59F

 91B5A7

 A3B5AE

# Harmonies

## Analogous

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



79AD3D



00B56D



00B8A6

# Triad

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



00B56D



2BA1FF



FC7462

# Complementary

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



00B56D



B50048

# 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.



FF6A97



00B56D



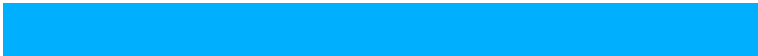
AC8BF9

# Square

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



00B56D



00B0FF



E875CE



DF8A37

# Rectangle

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



00B56D



00B8CB



E875CE



FF6F73



# Sweetspot

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



00B56D



A4EBCF



48B500



4B7565



F5F5F5



757575



# Same Dimension

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



00B56D



00EB8D



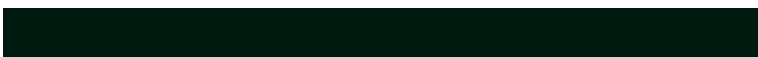
00A3B5



505956



00995C



001A0F



# Inverse Universe

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



B50048



EB005D



B51200



595054



99003D



1A000A



# Previews

## White Background



This preview shows how the Hex color 00B56D 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 00B56D 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 00B56D Background



This preview shows how black text looks on a background with the Hex color 00B56D.

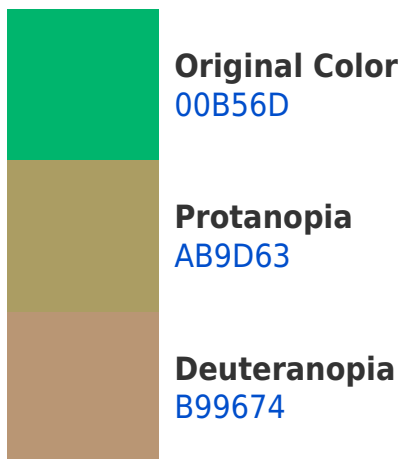


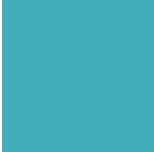
This preview shows how white text looks on a background with the Hex color 00B56D.

# 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**  
42ACBA

# Trichromacy



**Original Color**  
00B56D



**Protanomaly**  
6DA667



**Deuteranomaly**  
76A171



**Tritanomaly**  
2AAF9E

# Monochromacy



**Original Color**  
00B56D



**Achromatopsia**  
777777



**Achromatomaly**  
4C8E73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00B56D 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 #00B56D looks like.

```
.text, #text, p{  
    color:#00B56D  
}
```

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 #00B56D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B56D
}
```

## Border

The CSS property to change the border of an element to Hex 00B56D 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
#00B56D }
```

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

```
.border{ border-color:#00B56D }
```

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

Here you see how a box with a 4 pixel #00B56D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B56D; -webkit-box-shadow:4px 4px  
4px 4px #00B56D; box-shadow:4px 4px 4px  
4px #00B56D }
```

# Background

The CSS property to change the background color of an element to Hex 00B56D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B56D }
```

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

```
.background{ background-color:#00B56D }
```

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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