

Converting Colors

Hex(00B156)

Have a look what the booklet for
Hex(00B156) contains.

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Color

Hex(00B156)

Conversions

Conversions Part 1

Format	Color
Hex	00B156
RGB	0, 177, 86
RGB Percent	0%, 69%, 34%
CMY	1.0000, 0.3059, 0.6627
CMYK	1.00, 0.00, 0.51, 0.31
HSL	149°, 100%, 35%
HSV	149°, 100%, 69%
XYZ	17.4019, 32.1162, 14.0860
YIQ	113.7030, -76.2810, -65.8250

Conversions

Conversions Part 2

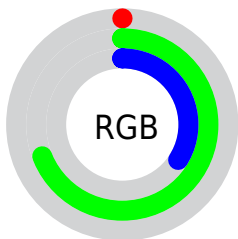
Format	Color
RYB	0, 119, 177
Decimal	45398
CIELab	63.44, -58.49, 35.81
CIELCh	63, 68.585, 148.523
Yxy	32.1162, 0.2736, 0.5049
Android (android.graphics.Color)	4278235478 (0xFF00B156)
YUV	113.7030, -13.6576, -99.7175
Hunter-Lab	56.6711, -44.3629, 24.9329

Details

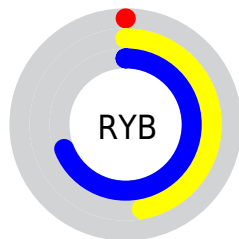
The Hex color **00B156** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B1005B**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **5EEA89**, and **007B25** is the 20% darker color. If you saturate the color by 10%, you get **00B156**, and if you desaturate by 10%, it is **12B15F**.

Distribution



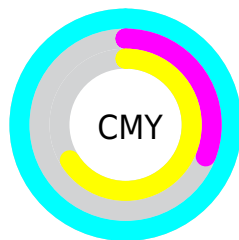
- Red (0%)
- Green (69%)
- Blue (34%)



- Red (0%)
- Yellow (47%)
- Blue (69%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (31%)



- Cyan (100%)
- Magenta (31%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B156 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 00B156 by changing the saturation by 10% instead.

 00B156

 00B156

FFFFFF

 00963D

 5EEA89

 007B25

 7DFFA4

 00610A

 9BFFC0

 004700

 B9FFDC

 003100

 D8FFF9

 001400

 F6FFFF

 000000

 00B156

 12B15F

 23B168

 35B171

 47B17A

 59B184

 6AB18D

 7CB196

 8EB19F

 9FB1A8

Harmonies

Analogous

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



7EA71D



00B156



00B695

Triad

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



00B156



00A2FF



FF6463

Complementary

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



00B156



B1005B

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.



FF5C9F



00B156



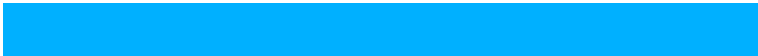
928BFF

Square

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



00B156



00B0FF



E06EDA



E87D2E

Rectangle

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



00B156



00B6BF



E06EDA



FF5E77

Sweetspot

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



00B156



A1E6C2



5BB100



49735E



F2F2F2



737373

Same Dimension

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



00B156



00E670



00B1AE



505955



00994A



001A0C

Inverse Universe

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



B1005B



E60076



B10003



595055



99004F



1A000D

Previews

White Background



This preview shows how the Hex color 00B156 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 00B156 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 00B156 Background



This preview shows how black text looks on a background with the Hex color 00B156.



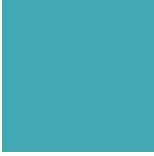
This preview shows how white text looks on a background with the Hex color 00B156.

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
44A7B4

Trichromacy



Original Color
00B156



Protanomaly
6BA251



Deuteranomaly
769D5B



Tritanomaly
2BAB92

Monochromacy



Original Color
00B156



Achromatopsia
727272



Achromatomaly
498968

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B156 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 #00B156 looks like.

```
.text, #text, p{  
    color:#00B156  
}
```

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 #00B156 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B156
}
```

Border

The CSS property to change the border of an element to Hex 00B156 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
#00B156 }
```

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

```
.border{ border-color:#00B156 }
```

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

Here you see how a box with a 4 pixel #00B156 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B156; -webkit-box-shadow:4px 4px  
4px 4px #00B156; box-shadow:4px 4px 4px  
4px #00B156 }
```

Background

The CSS property to change the background color of an element to Hex 00B156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B156 }
```

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

```
.background{ background-color:#00B156 }
```

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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