

Converting Colors

Hex(00B755)

Have a look what the booklet for
Hex(00B755) contains.

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Color

Hex(00B755)

Conversions

Conversions Part 1

Format	Color
Hex	00B755
RGB	0, 183, 85
RGB Percent	0%, 72%, 33%
CMY	1.0000, 0.2824, 0.6667
CMYK	1.00, 0.00, 0.54, 0.28
HSL	148°, 100%, 36%
HSV	148°, 100%, 72%
XYZ	18.5732, 34.5228, 14.2790
YIQ	117.1110, -77.6100, -69.2740

Conversions

Conversions Part 2

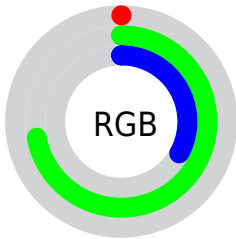
Format	Color
RYB	0, 125, 183
Decimal	46933
CIELab	65.38, -60.61, 38.69
CIELCh	65, 71.905, 147.447
Yxy	34.5228, 0.2757, 0.5124
Android (android.graphics.Color)	4278237013 (0xFF00B755)
YUV	117.1110, -15.8307, -102.7063
Hunter-Lab	58.7561, -46.3983, 26.7206

Details

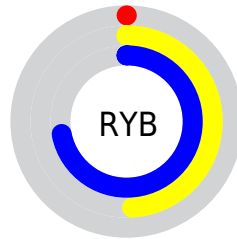
The Hex color **00B755** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B70062**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **60F089**, and **008023** is the 20% darker color. If you saturate the color by 10%, you get **00B755**, and if you desaturate by 10%, it is **12B75F**.

Distribution



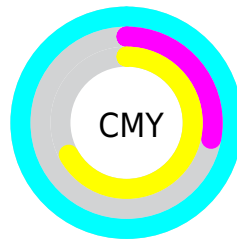
- Red (0%)
- Green (72%)
- Blue (33%)



- Red (0%)
- Yellow (49%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (28%)



- Cyan (100%)
- Magenta (28%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B755 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 00B755 by changing the saturation by 10% instead.

 00B755

 00B755

FFFFFF

 009B3C

 60F089

 008023

 7FFFA4

 006606

 9EFFBF

 004D00

 BCFFDB

 003500

 DAFFF8

 001B00

 F9FFFF

 000000

 00B755

 12B75F

 25B769

 37B772

 49B77C

 5CB786

 6EB790

 80B79A

 92B7A3

 A5B7AD

Harmonies

Analogous

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



83AC15



00B755



00BC97

Triad

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



00B755



00A8FF



FF6567

Complementary

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



00B755



B70062

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.



FF5DA7



00B755



9290FF

Square

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



00B755



00B6FF



E772E5



F2802E

Rectangle

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



00B755



00BDC4



E772E5



FF5F7C

Sweetspot

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



00B755



A6EDC7



65B700



4D7861



F7F7F7



787878

Same Dimension

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



00B755



00ED6E



00B7AE



535C57



009C48



001C0D

Inverse Universe

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



B70062



ED007F



B70009



5C5358



9C0053



1C000F

Previews

White Background



This preview shows how the Hex color 00B755 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 00B755 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 00B755 Background



This preview shows how black text looks on a background with the Hex color 00B755.



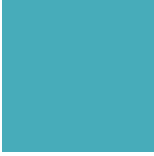
This preview shows how white text looks on a background with the Hex color 00B755.

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
47ACBA

Trichromacy



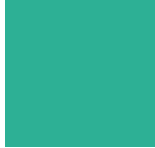
Original Color
00B755



Protanomaly
6FA750



Deuteranomaly
7AA25B



Tritanomaly
2DB095

Monochromacy



Original Color
00B755



Achromatopsia
757575



Achromatomaly
4A8D69

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B755 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 #00B755 looks like.

```
.text, #text, p{  
    color:#00B755  
}
```

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 #00B755 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B755
}
```

Border

The CSS property to change the border of an element to Hex 00B755 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
#00B755 }
```

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

```
.border{ border-color:#00B755 }
```

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

Here you see how a box with a 4 pixel #00B755 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B755; -webkit-box-shadow:4px 4px  
4px 4px #00B755; box-shadow:4px 4px 4px  
4px #00B755 }
```

Background

The CSS property to change the background color of an element to Hex 00B755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B755 }
```

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

```
.background{ background-color:#00B755 }
```

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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