

Converting Colors

Hex(00B854)

Have a look what the booklet for
Hex(00B854) contains.

Hex(00B854)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00B854)

Conversions

Conversions Part 1

Format	Color
Hex	00B854
RGB	0, 184, 84
RGB Percent	0%, 72%, 33%
CMY	1.0000, 0.2784, 0.6706
CMYK	1.00, 0.00, 0.54, 0.28
HSL	147°, 100%, 36%
HSV	147°, 100%, 72%
XYZ	18.7407, 34.9211, 14.1402
YIQ	117.5840, -77.5640, -70.1080

Conversions

Conversions Part 2

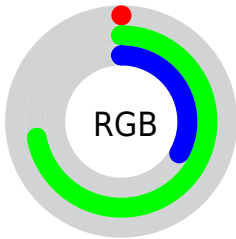
Format	Color
RYB	0, 126, 184
Decimal	47188
CIELab	65.69, -61.08, 39.56
CIELCh	66, 72.773, 147.072
Yxy	34.9211, 0.2764, 0.5150
Android (android.graphics.Color)	4278237268 (0xFF00B854)
YUV	117.5840, -16.5569, -103.1212
Hunter-Lab	59.0941, -46.8062, 27.1787

Details

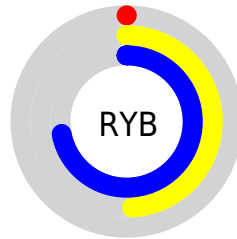
The Hex color **00B854** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B80064**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **60F188**, and **008122** is the 20% darker color. If you saturate the color by 10%, you get **00B854**, and if you desaturate by 10%, it is **12B85E**.

Distribution



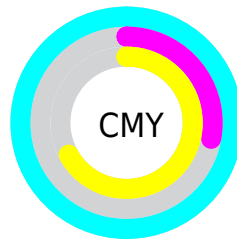
- Red (0%)
- Green (72%)
- Blue (33%)



- 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 00B854 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 00B854 by changing the saturation by 10% instead.

 00B854

 00B854

FFFFFF

 009C3B

 60F188

 008122

 80FFA3

 006704

 9EFFBE

 004D00

 BDFFDA

 003600

 DBFFF7

 001C00

 FAFFFF

 000000

 00B854

 12B85E

 25B868

 37B872

 4AB87C

 5CB886

 6EB890

 81B89A

 93B8A4

 A6B8AE

Harmonies

Analogous

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



85AD11



00B854



00BD97

Triad

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



00B854



00A9FF



FF6468

Complementary

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



00B854



B80064

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.



FF5CA9



00B854



9191FF

Square

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



00B854



00B8FF



E772E8



F5802E

Rectangle

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



00B854



00BEC4



E772E8



FF5E7D

Sweetspot

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



00B854



A8F0C9



65B800



4D7860



F7F7F7



787878

Same Dimension

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



00B854



00F06D



00B8AF



535C57



009C47



001C0D

Inverse Universe

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



B80064



F00082



B80009



5C5358



9C0055



1C000F

Previews

White Background



This preview shows how the Hex color 00B854 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 00B854 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 00B854 Background



This preview shows how black text looks on a background with the Hex color 00B854.

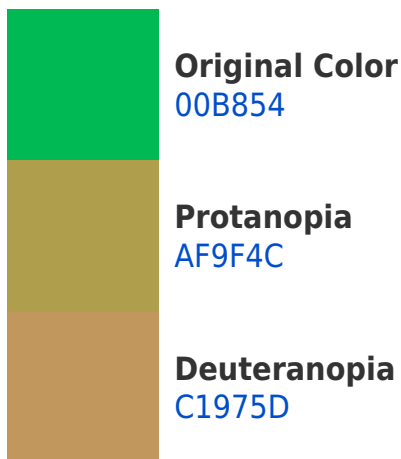


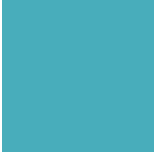
This preview shows how white text looks on a background with the Hex color 00B854.

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
48ADBB

Trichromacy



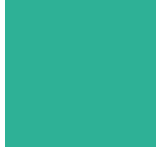
Original Color
00B854



Protanomaly
6FA84F



Deuteranomaly
7BA35A



Tritanomaly
2EB196

Monochromacy



Original Color
00B854



Achromatopsia
767676



Achromatomaly
4B8E6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B854 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 #00B854 looks like.

```
.text, #text, p{  
    color:#00B854  
}
```

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 #00B854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B854
}
```

Border

The CSS property to change the border of an element to Hex 00B854 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
#00B854 }
```

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

```
.border{ border-color:#00B854 }
```

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

Here you see how a box with a 4 pixel #00B854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B854; -webkit-box-shadow:4px 4px  
4px 4px #00B854; box-shadow:4px 4px 4px  
4px #00B854 }
```

Background

The CSS property to change the background color of an element to Hex 00B854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B854 }
```

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

```
.background{ background-color:#00B854 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor