

Converting Colors

Hex(00C759)

Have a look what the booklet for
Hex(00C759) contains.

Hex(00C759)	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(00C759)

Conversions

Conversions Part 1

Format	Color
Hex	00C759
RGB	0, 199, 89
RGB Percent	0%, 78%, 35%
CMY	1.0000, 0.2196, 0.6510
CMYK	1.00, 0.00, 0.55, 0.22
HSL	147°, 100%, 39%
HSV	147°, 100%, 78%
XYZ	22.2266, 41.5681, 16.3032
YIQ	126.9590, -83.2940, -76.3980

Conversions

Conversions Part 2

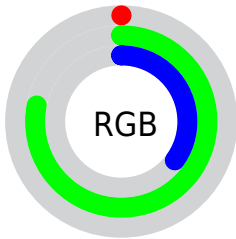
Format	Color
RYB	0, 138, 199
Decimal	51033
CIELab	70.57, -65.11, 43.06
CIELCh	71, 78.061, 146.522
Yxy	41.5681, 0.2775, 0.5190
Android (android.graphics.Color)	4278241113 (0xFF00C759)
YUV	126.9590, -18.7138, -111.3430
Hunter-Lab	64.4733, -51.2921, 30.1389

Details

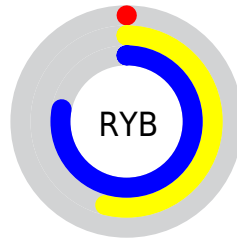
The Hex color **00C759** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **C7006E**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **65FF8D**, and **008F26** is the 20% darker color. If you saturate the color by 10%, you get **00C759**, and if you desaturate by 10%, it is **14C764**.

Distribution



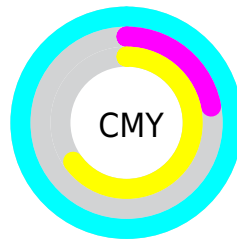
- Red (0%)
- Green (78%)
- Blue (35%)



- Red (0%)
- Yellow (54%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C759 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 00C759 by changing the saturation by 10% instead.

 00C759

 00C759

FFFFFF

 00AB3F

 65FF8D

 008F26

 85FFA9

 007507

 A4FFC5


 005A00

 C3FFE1

 004100

 E2FFFE

 002900

 000400

 000000

 00C759

 14C764

 28C76F

 3CC77A

 50C785

 64C790

 77C79B

 8BC7A6

 9FC7B1

 B3C7BC

Harmonies

Analogous

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



91BB0C



00C759



00CDA2

Triad

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



00C759



00B8FF



FF6B72

Complementary

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



00C759



C7006E

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.



FF63B8



00C759



9A9DFF

Square

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



00C759



00C7FF



FA7BFC



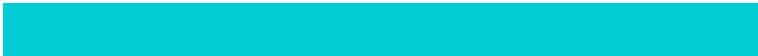
FF8932

Rectangle

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



00C759



00CDD3



FA7BFC



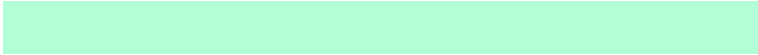
FF6589

Sweetspot

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



00C759



B3FFD5



71C700



528066



000000



808080

Same Dimension

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



00C759



00FF72



00C7BA



5A635E



00A349



002410

Inverse Universe

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



C7006E



FF008D



C7000D



635A5F



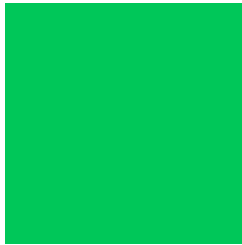
A3005A



240014

Previews

White Background



This preview shows how the Hex color 00C759 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 00C759 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 00C759 Background



This preview shows how black text looks on a background with the Hex color 00C759.

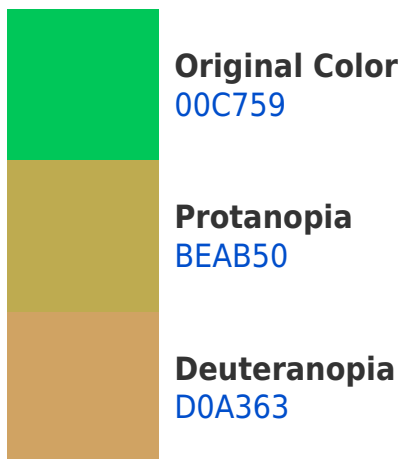


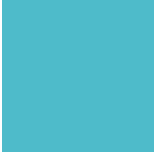
This preview shows how white text looks on a background with the Hex color 00C759.

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
4EBBCA

Trichromacy



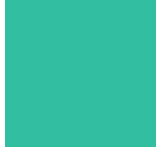
Original Color
00C759



Protanomaly
79B553



Deuteranomaly
84B05F



Tritanomaly
32BFA1

Monochromacy



Original Color
00C759



Achromatopsia
7F7F7F



Achromatomaly
519971

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C759 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 #00C759 looks like.

```
.text, #text, p{  
    color:#00C759  
}
```

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 #00C759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C759
}
```

Border

The CSS property to change the border of an element to Hex 00C759 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
#00C759 }
```

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

```
.border{ border-color:#00C759 }
```

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

Here you see how a box with a 4 pixel #00C759 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C759; -webkit-box-shadow:4px 4px  
4px 4px #00C759; box-shadow:4px 4px 4px  
4px #00C759 }
```

Background

The CSS property to change the background color of an element to Hex 00C759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C759 }
```

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

```
.background{ background-color:#00C759 }
```

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