

# Converting Colors

Hex(00C762)

Have a look what the booklet for  
Hex(00C762) contains.

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**Color**

**Hex(00C762)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C762
RGB	0, 199, 98
RGB Percent	0%, 78%, 38%
CMY	1.0000, 0.2196, 0.6157
CMYK	1.00, 0.00, 0.51, 0.22
HSL	150°, 100%, 39%
HSV	150°, 100%, 78%
XYZ	22.6280, 41.7287, 18.4171
YIQ	127.9850, -86.1830, -73.5990

# Conversions

## Conversions Part 2

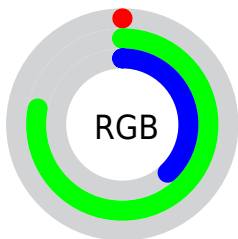
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 133, 199
Decimal	51042
CIELab	70.68, -63.75, 38.85
CIELCh	71, 74.651, 148.642
Yxy	41.7287, 0.2734, 0.5041
Android (android.graphics.Color)	4278241122 (0xFF00C762)
YUV	127.9850, -14.7826, -112.2428
Hunter-Lab	64.5977, -50.5191, 28.3146

# Details

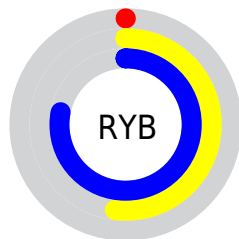
The Hex color **00C762** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **C70065**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **64FF96**, and **008F30** is the 20% darker color. If you saturate the color by 10%, you get **00C762**, and if you desaturate by 10%, it is **14C76C**.

# Distribution



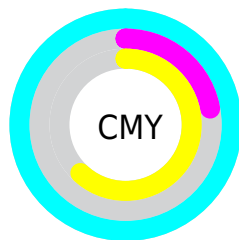
- Red (0%)
- Green (78%)
- Blue (38%)



- Red (0%)
- Yellow (52%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C762 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 00C762 by changing the saturation by 10% instead.



 00C762

 00C762

FFFFFF

 00AB49

 64FF96

 008F30

 85FFB2

 007516

 A4FFCE

 005B00

 C2FFEA

 004100

 E1FFFF

 002A00

 000500

 000000

 00C762

 14C76C

 28C776

 3CC780

 50C78A

 64C795

 77C79F

 8BC7A9

 9FC7B3

 B3C7BD

# Harmonies

## Analogous

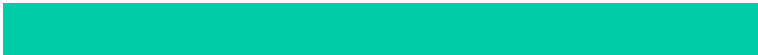
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8EBC22



00C762



00CCA8

# Triad

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



00C762



00B6FF



FF7270

# Complementary

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



00C762



C70065

# 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.



FF68B3



00C762



A59CFF

# Square

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



00C762



00C5FF



FB7DF5



FF8E35

# Rectangle

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



00C762



00CDD6



FB7DF5



FF6B86

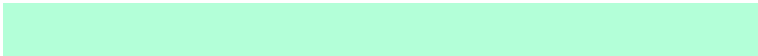


# Sweetspot

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



00C762



B3FFD8



67C700



528068



000000



808080



# Same Dimension

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



00C762



00FF7E



00C7C4



5A635E



00A350



002412



# Inverse Universe

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



C70065



FF0081



C70003



635A5F



A30053

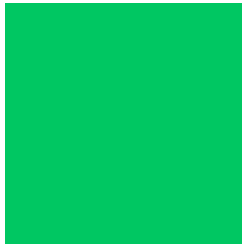


240012



# Previews

## White Background



This preview shows how the Hex color 00C762 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 00C762 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 00C762 Background



This preview shows how black text looks on a background with the Hex color 00C762.

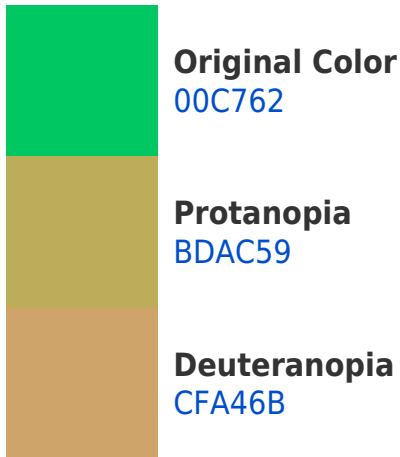


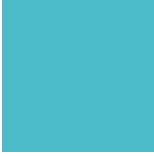
This preview shows how white text looks on a background with the Hex color 00C762.

# 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





# Trichromacy



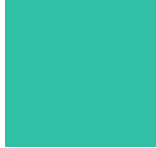
**Original Color**  
00C762



**Protanomaly**  
78B65C



**Deuteranomaly**  
84B168



**Tritanomaly**  
30C0A5

# Monochromacy



**Original Color**  
00C762



**Achromatopsia**  
808080



**Achromatomaly**  
519A75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C762 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 #00C762 looks like.

```
.text, #text, p{  
    color:#00C762  
}
```

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 #00C762 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C762
}
```

## Border

The CSS property to change the border of an element to Hex 00C762 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
#00C762 }
```

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

```
.border{ border-color:#00C762 }
```

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

Here you see how a box with a 4 pixel #00C762 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C762; -webkit-box-shadow:4px 4px  
4px 4px #00C762; box-shadow:4px 4px 4px  
4px #00C762 }
```

# Background

The CSS property to change the background color of an element to Hex 00C762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C762 }
```

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

```
.background{ background-color:#00C762 }
```

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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