

# Converting Colors

Hex(00C151)

Have a look what the booklet for  
Hex(00C151) contains.

|  |    |
|--|----|
| <b>Hex(00C151)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

**Color**

**Hex(00C151)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 00C151                       |
| RGB         | 0, 193, 81                   |
| RGB Percent | 0%, 76%, 32%                 |
| CMY         | 1.0000, 0.2431, 0.6824       |
| CMYK        | 1.00, 0.00, 0.58, 0.24       |
| HSL         | 145°, 100%, 38%              |
| HSV         | 145°, 100%, 76%              |
| XYZ         | 20.5552, 38.7340, 14.1776    |
| YIQ         | 122.5250, -79.0760, -75.7480 |

# Conversions

## Conversions Part 2

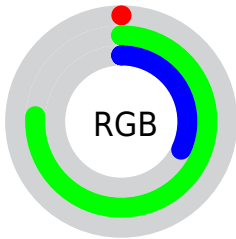
| <b>Format</b>                       | <b>Color</b>                     |
|-------------------------------------|----------------------------------|
| <b>RYB</b>                          | 0, 136, 193                      |
| Decimal                             | 49489                            |
| CIELab                              | 68.56, -64.35, 44.42             |
| CIELCh                              | 69, 78.195, 145.385              |
| Yxy                                 | 38.7340, 0.2798,<br>0.5272       |
| Android<br>(android.graphics.Color) | 4278239569<br>(0xFF00C151)       |
| YUV                                 | 122.5250, -20.4718,<br>-107.4544 |
| Hunter-Lab                          | 62.2367, -49.9602,<br>30.0593    |

# Details

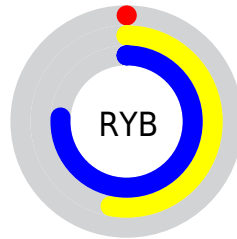
The Hex color **00C151** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **C10070**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **63FB85**, and **008A1D** is the 20% darker color. If you saturate the color by 10%, you get **00C151**, and if you desaturate by 10%, it is **13C15C**.

# Distribution



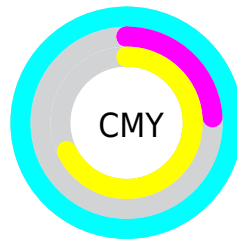
- Red (0%)
- Green (76%)
- Blue (32%)



- Red (0%)
- Yellow (53%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (58%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C151 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 00C151 by changing the saturation by 10% instead.



 00C151

 00C151

FFFFFF

 00A537

 63FB85

 008A1D

 83FFA0

 006F00

 A2FFBC

 005500

 C1FFD8

 003C00

 DFFFF5

 002400

FEFFFF

 000000

 00C151

 13C15C

 27C167

 3AC173

 4DC17E

 61C189

 74C194

 87C19F

 9AC1AB

 AEC1B6

# Harmonies

## Analogous

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



8EB500



00C151



00C79A

# Triad

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



00C151



00B3FF



FF646F

# Complementary

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



00C151



C10070

# 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.



FF5DB5



00C151



8E99FF

# Square

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



00C151



00C2FF



F177F9



FF832E

# Rectangle

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



00C151



00C8CB



F177F9



FF5D86

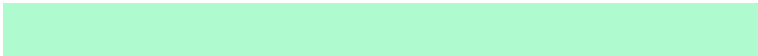


# Sweetspot

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



00C151



AFFACE



71C100



507D63



FCFCFC



7D7D7D



# Same Dimension

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



00C151



00FA69



00C1B1



57615B



00A143



00210E



# Inverse Universe

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



C10070



FA0091



C10010



61575D



A1005D



210013



# Previews

## White Background



This preview shows how the Hex color 00C151 looks on a white background.

## Color Contrast Check

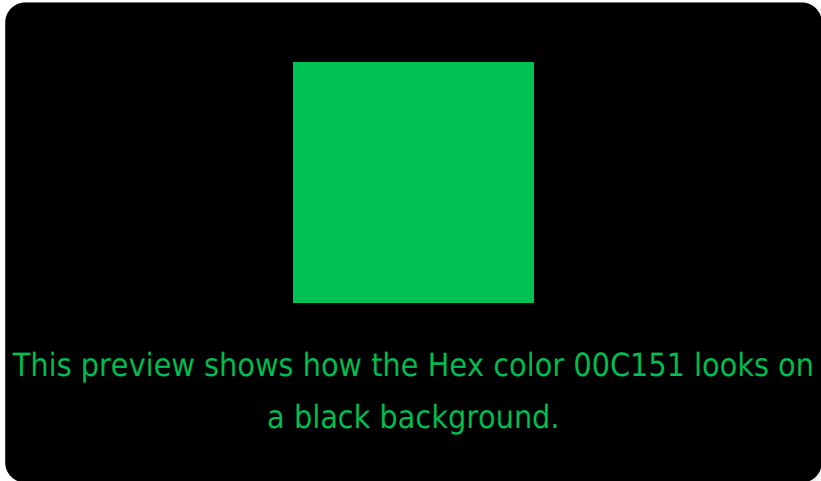
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 00C151 Background



This preview shows how black text looks on a background with the Hex color 00C151.

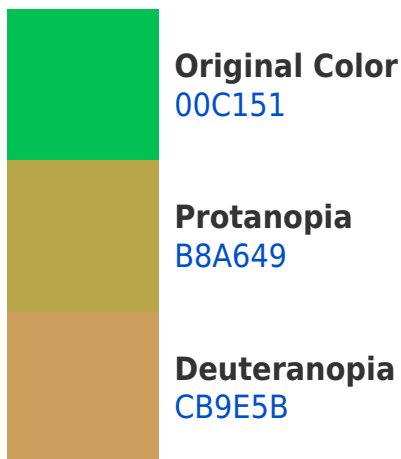


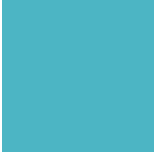
This preview shows how white text looks on a background with the Hex color 00C151.

# 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**  
4CB5C4

# Trichromacy



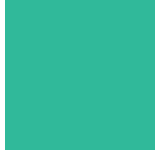
**Original Color**  
00C151



**Protanomaly**  
75B04C



**Deuteranomaly**  
81AB57



**Tritanomaly**  
30B99A

# Monochromacy



**Original Color**  
00C151



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
4E946C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C151 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 #00C151 looks like.

```
.text, #text, p{  
    color:#00C151  
}
```

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 #00C151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C151
}
```

## Border

The CSS property to change the border of an element to Hex 00C151 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
#00C151 }
```

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

```
.border{ border-color:#00C151 }
```

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

Here you see how a box with a 4 pixel #00C151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C151; -webkit-box-shadow:4px 4px  
4px 4px #00C151; box-shadow:4px 4px 4px  
4px #00C151 }
```

# Background

The CSS property to change the background color of an element to Hex 00C151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C151 }
```

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

```
.background{ background-color:#00C151 }
```

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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