

# Converting Colors

Hex(00C56E)

Have a look what the booklet for  
Hex(00C56E) contains.

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# Color

Hex(00C56E)

# Conversions

## Conversions Part 1

Format	Color
Hex	00C56E
RGB	0, 197, 110
RGB Percent	0%, 77%, 43%
CMY	1.0000, 0.2275, 0.5686
CMYK	1.00, 0.00, 0.44, 0.23
HSL	154°, 100%, 39%
HSV	154°, 100%, 77%
XYZ	22.7807, 41.0583, 21.4762
YIQ	128.1790, -89.4850, -68.8210

# Conversions

## Conversions Part 2

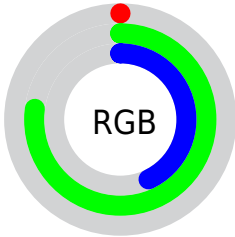
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 126, 197
Decimal	50542
CIELab	70.22, -61.04, 32.23
CIELCh	70, 69.026, 152.166
Yxy	41.0583, 0.2670, 0.4813
Android (android.graphics.Color)	4278240622 (0xFF00C56E)
YUV	128.1790, -8.9622, -112.4130
Hunter-Lab	64.0767, -48.6735, 24.9818

# Details

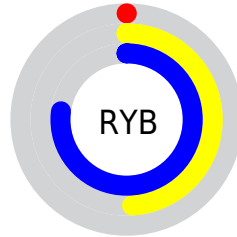
The Hex color **00C56E** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **C50057**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **63FFA3**, and **008E3D** is the 20% darker color. If you saturate the color by 10%, you get **00C56E**, and if you desaturate by 10%, it is **14C577**.

# Distribution



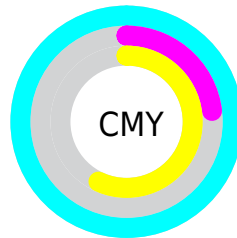
- Red (0%)
- Green (77%)
- Blue (43%)



- Red (0%)
- Yellow (49%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C56E 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 00C56E by changing the saturation by 10% instead.



 00C56E

 00C56E

FFFFFF

 00A955

 63FFA3

 008E3D

 84FFBE

 007325

 A3FFDA

 00590C

 C1FFF7

 004000

 E0FFFF

 002800

 000100

 000000

 00C56E

 14C577

 27C57F

 3BC588

 4FC591

 63C59A

 76C5A2

 8AC5AB

 9EC5B4

 B1C5BC

# Harmonies

## Analogous

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



88BB37



00C56E



00C9AE

# Triad

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



00C56E



00B1FF



FF796D

# Complementary

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



00C56E



C50057

# 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.



FF6FAA



00C56E



B299FF

# Square

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



00C56E



00C1FF



FB7EE7



F99239

# Rectangle

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



00C56E



00C9D9



FB7EE7



FF7380

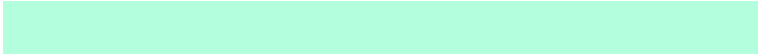


# Sweetspot

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



00C56E



B3FFDD



59C500



52806B



000000



808080



# Same Dimension

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



00C56E



00FF8E



00BBC5



5A635F



00A35B



002414



# Inverse Universe

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



C50057



FF0071



C50A00



635A5E



A30048



240010



# Previews

## White Background



This preview shows how the Hex color 00C56E 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 00C56E 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 00C56E Background



This preview shows how black text looks on a background with the Hex color 00C56E.

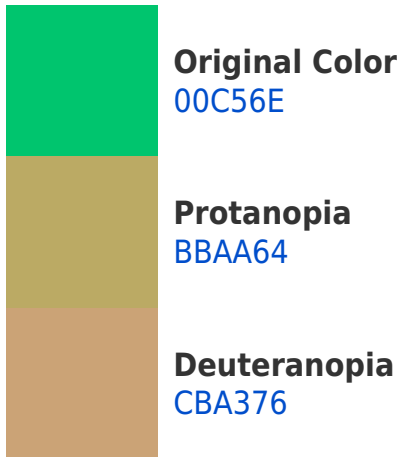


This preview shows how white text looks on a background with the Hex color 00C56E.

# 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



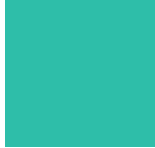
**Original Color**  
00C56E



**Protanomaly**  
77B468



**Deuteranomaly**  
81AF73



**Tritanomaly**  
2EBEA9

# Monochromacy



**Original Color**  
00C56E



**Achromatopsia**  
808080



**Achromatomaly**  
519979

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C56E 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 #00C56E looks like.

```
.text, #text, p{  
    color:#00C56E  
}
```

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 #00C56E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C56E
}
```

## Border

The CSS property to change the border of an element to Hex 00C56E 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
#00C56E }
```

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

```
.border{ border-color:#00C56E }
```

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

Here you see how a box with a 4 pixel #00C56E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C56E; -webkit-box-shadow:4px 4px  
4px 4px #00C56E; box-shadow:4px 4px 4px  
4px #00C56E }
```

# Background

The CSS property to change the background color of an element to Hex 00C56E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C56E }
```

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

```
.background{ background-color:#00C56E }
```

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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