

Converting Colors

Hex(00C100)

Have a look what the booklet for
Hex(00C100) contains.

Hex(00C100)	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(00C100)

Conversions

Conversions Part 1

Format	Color
Hex	00C100
RGB	0, 193, 0
RGB Percent	0%, 76%, 0%
CMY	1.0000, 0.2431, 1.0000
CMYK	1.00, 0.00, 1.00, 0.24
HSL	120°, 100%, 38%
HSV	120°, 100%, 76%
XYZ	19.0700, 38.1399, 6.3567
YIQ	113.2910, -53.0750, -100.9390

Conversions

Conversions Part 2

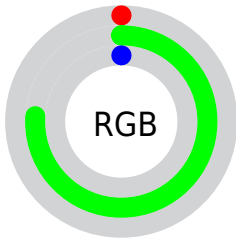
Format	Color
RYB	0, 193, 193
Decimal	49408
CIELab	68.12, -69.89, 67.45
CIELCh	68, 97.132, 136.016
Yxy	38.1399, 0.3000, 0.6000
Android (android.graphics.Color)	4278239488 (0xFF00C100)
YUV	113.2910, -55.8525, -99.3562
Hunter-Lab	61.7575, -52.9571, 37.1276

Details

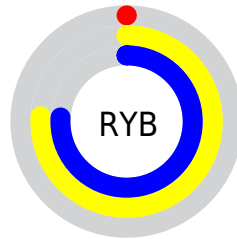
The Hex color **00C100** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **C100C1**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **66FB4F**, and **008A00** is the 20% darker color. If you saturate the color by 10%, you get **00C100**, and if you desaturate by 10%, it is **13C113**.

Distribution



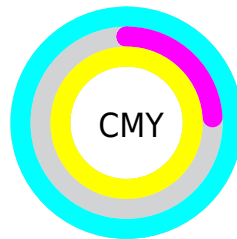
- Red (0%)
- Green (76%)
- Blue (0%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00C100 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 00C100 by changing the saturation by 10% instead.

 00C100

 00C100


FFFFFF

 00A500

 66FB4F

 008A00

 87FF6C

 006F00

 A6FF88

 005500

 C5FFA4

 003C00

 E4FFC1

 002300

 FFFFDE

 000000

 FFFFFC

 00C100

 13C113

 27C127

 3AC13A

 4DC14D

 61C161

 74C174

 87C187

 9AC19A

 AEC1AE

Harmonies

Analogous

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



9DB100



00C100



00C978

Triad

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



00C100



00BCFF



FF2D7C

Complementary

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



00C100



C100C1

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.



FF38D3



00C100



00A1FF

Square

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



00C100



00C9FF



E174FF



FF6623

Rectangle

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



00C100



00CBB6



E174FF



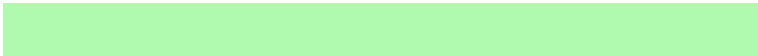
FF2298

Sweetspot

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



00C100



AFFAAF



C1C100



507D50



FCFCFC



7D7D7D

Same Dimension

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



00C100



00FA00



00C161



576157



00A100



002100

Inverse Universe

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



C100C1



FA00FA



C10061



615761



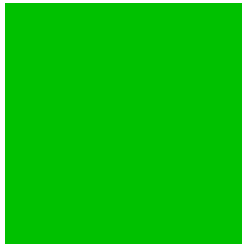
A100A1



210021

Previews

White Background



This preview shows how the Hex color 00C100 looks on a white background.

Color Contrast Check

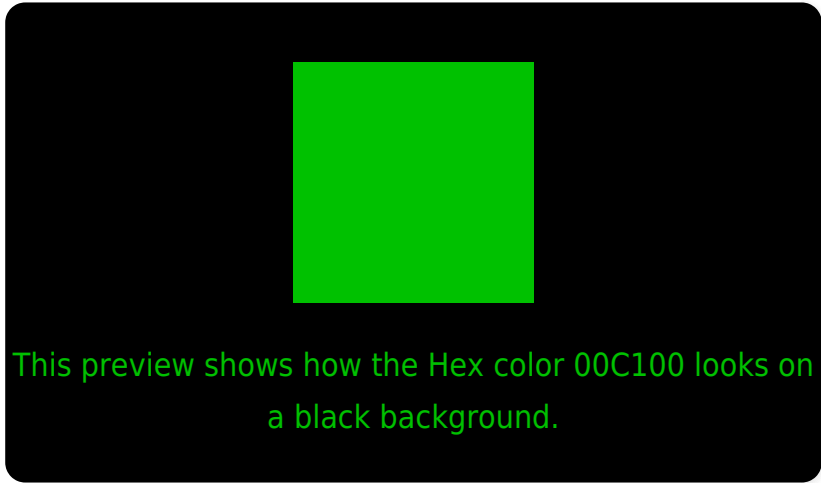
Large Text (above 18pt) WCAG AA × Fail

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

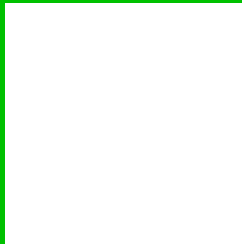
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00C100 Background



This preview shows how black text looks on a background with the Hex color 00C100.

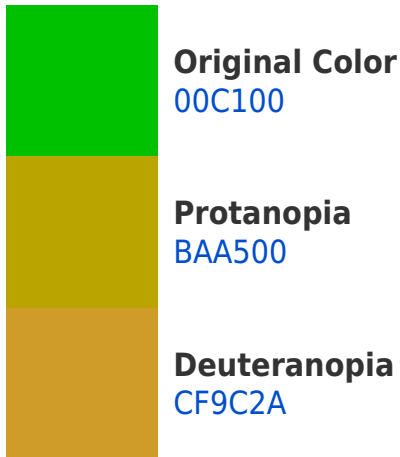


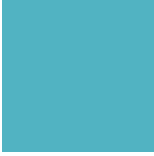
This preview shows how white text looks on a background with the Hex color 00C100.

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](#).

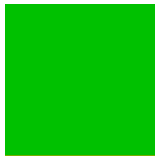
Dichromacy





Tritanopia
51B3C2

Trichromacy



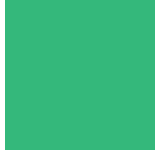
Original Color
00C100



Protanomaly
76AF00



Deuteranomaly
84A91B



Tritanomaly
34B87B

Monochromacy



Original Color
00C100



Achromatopsia
717171



Achromatomaly
488E48

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C100 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 #00C100 looks like.

```
.text, #text, p{  
    color:#00C100  
}
```

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 #00C100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C100
}
```

Border

The CSS property to change the border of an element to Hex 00C100 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
#00C100 }
```

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

```
.border{ border-color:#00C100 }
```

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

Here you see how a box with a 4 pixel #00C100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C100; -webkit-box-shadow:4px 4px  
4px 4px #00C100; box-shadow:4px 4px 4px  
4px #00C100 }
```

Background

The CSS property to change the background color of an element to Hex 00C100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C100 }
```

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

```
.background{ background-color:#00C100 }
```

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