

Converting Colors

Hex(00CF00)

Have a look what the booklet for
Hex(00CF00) contains.

Hex(00CF00)	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(00CF00)

Conversions

Conversions Part 1

Format	Color
Hex	00CF00
RGB	0, 207, 0
RGB Percent	0%, 81%, 0%
CMY	1.0000, 0.1882, 1.0000
CMYK	1.00, 0.00, 1.00, 0.19
HSL	120°, 100%, 41%
HSV	120°, 100%, 81%
XYZ	22.3128, 44.6256, 7.4376
YIQ	121.5090, -56.9250, -108.2610

Conversions

Conversions Part 2

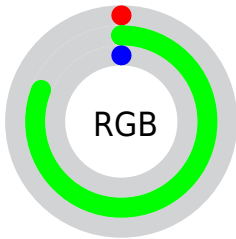
Format	Color
RYB	0, 207, 207
Decimal	52992
CIELab	72.64, -73.65, 71.08
CIELCh	73, 102.352, 136.016
Yxy	44.6256, 0.3000, 0.6000
Android (android.graphics.Color)	4278243072 (0xFF00CF00)
YUV	121.5090, -59.9039, -106.5634
Hunter-Lab	66.8024, -57.2831, 40.1605

Details

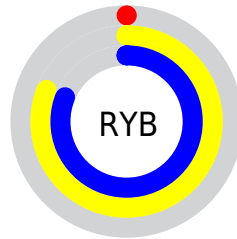
The Hex color **00CF00** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **CF00CF**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **6AFF52**, and **009700** is the 20% darker color. If you saturate the color by 10%, you get **00CF00**, and if you desaturate by 10%, it is **15CF15**.

Distribution



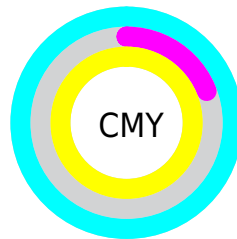
- Red (0%)
- Green (81%)
- Blue (0%)



- Red (0%)
- Yellow (81%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (100%)
- Black (19%)



- Cyan (100%)
- Magenta (19%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CF00 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 00CF00 by changing the saturation by 10% instead.

 00CF00

 00CF00

FFFFFF

 00B300

 6AFF52

 009700

 8CFF6F

 007C00

 ACFF8C

 006100

 CBFFA9

 004700

 EBFFC6

 002F00

 FFFFE3

 001100

 000000

 00CF00

 15CF15


 29CF29

 3ECF3E

 53CF53

 68CF68

 7CCF7C

 91CF91

 A6CFA6

 BACFBA

Harmonies

Analogous

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



A9BD00



00CF00



00D781

Triad

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



00CF00



00CAFF



FF3185

Complementary

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



00CF00



CF00CF

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.



FF3DE2



00CF00



00ADFF

Square

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



00CF00



00D7FF



F27CFF



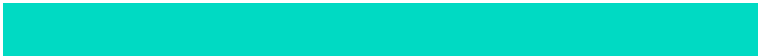
FF6D26

Rectangle

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



00CF00



00DAC3



F27CFF



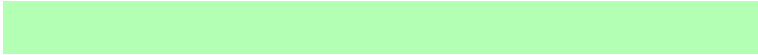
FF25A4

Sweetspot

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



00CF00



B3FFB3



CFCF00



528052



000000



808080

Same Dimension

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



00CF00



00FF00



00CF68



5E695E



00A800



002900

Inverse Universe

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



CF00CF



FF00FF



CF0068



695E69



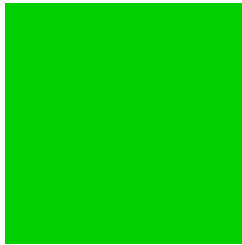
A800A8



290029

Previews

White Background



This preview shows how the Hex color 00CF00 looks on a white background.

Color Contrast Check

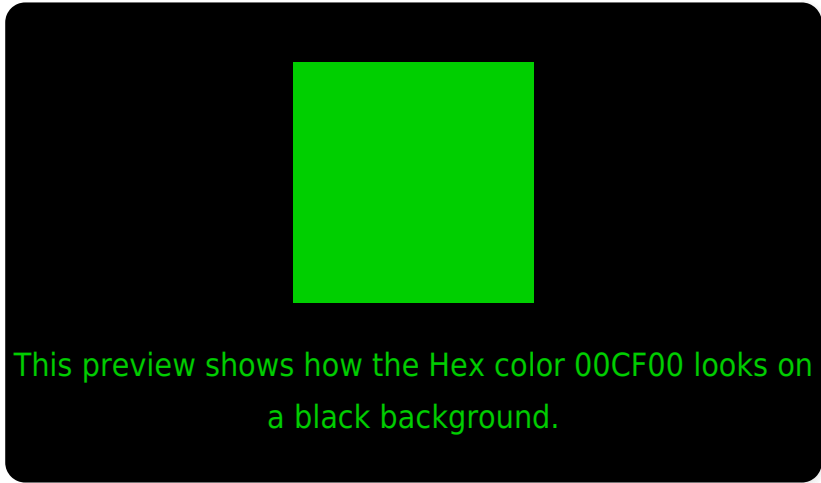
Large Text (above 18pt) WCAG AA × Fail

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

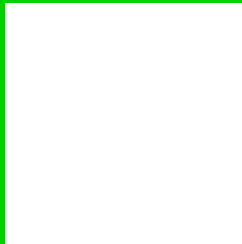
Any Text WCAG AAA ✓ Pass

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

Hex 00CF00 Background



This preview shows how black text looks on a background with the Hex color 00CF00.



This preview shows how white text looks on a background with the Hex color 00CF00.

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](#).

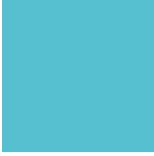
Dichromacy



Original Color
00CF00

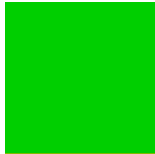
Protanopia
C7B100

Deuteranopia
DEA82D



Tritanopia
57C0D0

Trichromacy



Original Color
00CF00



Protanomaly
7FBC00

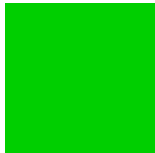


Deuteranomaly
8DB61D



Tritanomaly
37C584

Monochromacy



Original Color
00CF00



Achromatopsia
7A7A7A



Achromatomaly
4E994E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CF00 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 #00CF00 looks like.

```
.text, #text, p{  
    color:#00CF00  
}
```

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 #00CF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CF00
}
```

Border

The CSS property to change the border of an element to Hex 00CF00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

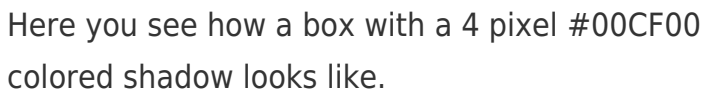
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00CF00 }
```

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

```
.border{ border-color:#00CF00 }
```

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



Here you see how a box with a 4 pixel #00CF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CF00; -webkit-box-shadow:4px 4px  
4px 4px #00CF00; box-shadow:4px 4px 4px  
4px #00CF00 }
```

Background

The CSS property to change the background color of an element to Hex 00CF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CF00 }
```

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

```
.background{ background-color:#00CF00 }
```

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