

Converting Colors

Hex(00CC3C)

Have a look what the booklet for
Hex(00CC3C) contains.

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Color

Hex(00CC3C)

Conversions

Conversions Part 1

Format	Color
Hex	00CC3C
RGB	0, 204, 60
RGB Percent	0%, 80%, 24%
CMY	1.0000, 0.2000, 0.7647
CMYK	1.00, 0.00, 0.71, 0.20
HSL	138°, 100%, 40%
HSV	138°, 100%, 80%
XYZ	22.4085, 43.5120, 11.4926
YIQ	126.5880, -75.3600, -88.0320

Conversions

Conversions Part 2

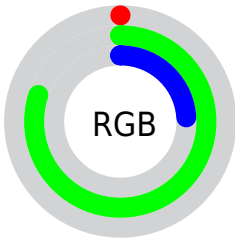
Format	Color
RYB	0, 158, 204
Decimal	52284
CIELab	71.90, -70.00, 57.04
CIELCh	72, 90.295, 140.827
Yxy	43.5120, 0.2895, 0.5621
Android (android.graphics.Color)	4278242364 (0xFF00CC3C)
YUV	126.5880, -32.8279, -111.0177
Hunter-Lab	65.9636, -54.7981, 35.8447

Details

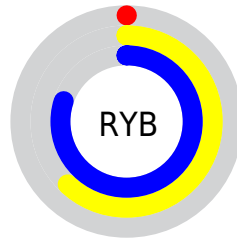
The Hex color **00CC3C** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **CC0090**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **67FF73**, and **009400** is the 20% darker color. If you saturate the color by 10%, you get **00CC3C**, and if you desaturate by 10%, it is **14CC4A**.

Distribution



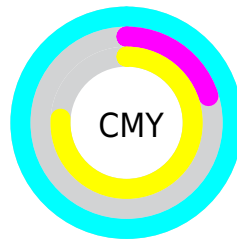
- Red (0%)
- Green (80%)
- Blue (24%)



- Red (0%)
- Yellow (62%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (71%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CC3C 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 00CC3C by changing the saturation by 10% instead.

 00CC3C

 00CC3C

FFFFFF

 00B01D

 67FF73

 009400

 88FF8E

 007900

 A8FFAA

 005F00

 C7FFC6

 004500

 E6FFE3

 002D00

 000D00

 000000

 00CC3C

 14CC4A

 29CC59

 3DCC67

 52CC76

 66CC84

 7ACC92

 8FCCA1

 A3CCAF

 B8CCBE

Harmonies

Analogous

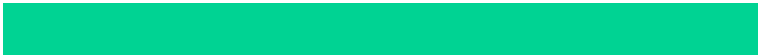
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9DBD00



00CC3C



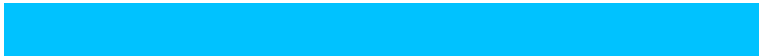
00D393

Triad

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



00CC3C



00C2FF



FF567B

Complementary

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



00CC3C



CC0090

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.



FF53CD



00CC3C



6CA6FF

Square

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



00CC3C



00D0FF



F97CFF



FF7E2B

Rectangle

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



00CC3C



00D5CD



F97CFF



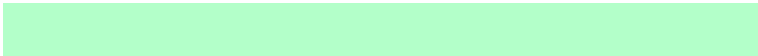
FF4E96

Sweetspot

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



00CC3C



B3FFC9



92CC00



52805F



000000



808080

Same Dimension

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



00CC3C



00FF4B



00CCA0



5C665F



00A631



00260B

Inverse Universe

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



CC0090



FF00B4



CC002C



665C63



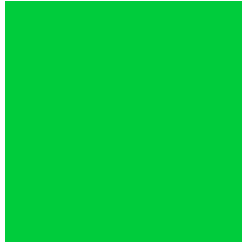
A60075



26001B

Previews

White Background



This preview shows how the Hex color 00CC3C looks on a white background.

Color Contrast Check

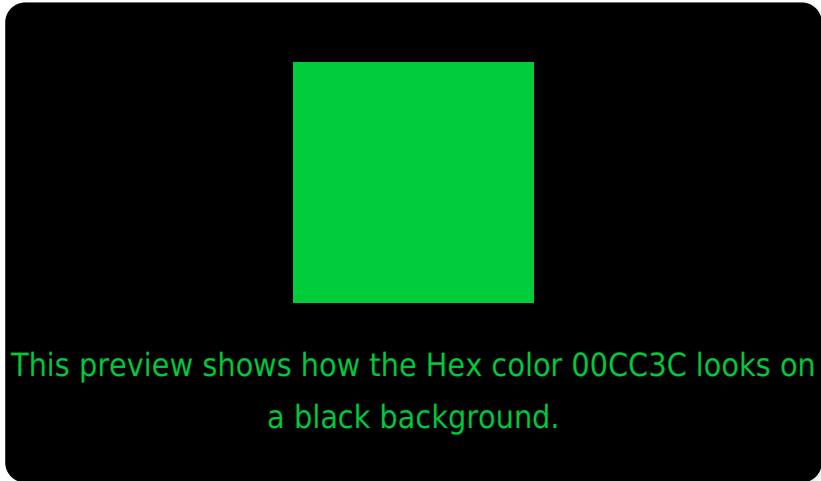
Large Text (above 18pt) WCAG AA × Fail

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 00CC3C Background



This preview shows how black text looks on a background with the Hex color 00CC3C.

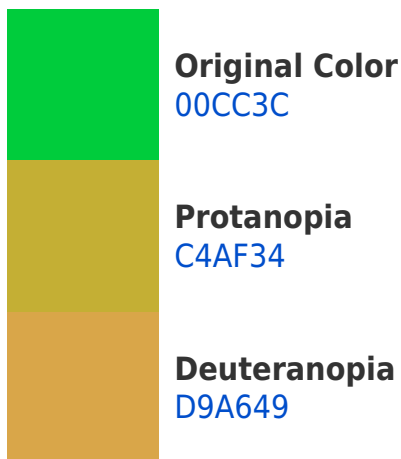


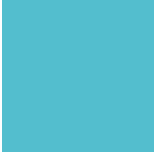
This preview shows how white text looks on a background with the Hex color 00CC3C.

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



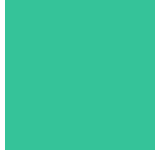
Original Color
00CC3C



Protanomaly
7DBA37



Deuteranomaly
8AB444



Tritanomaly
35C399

Monochromacy



Original Color
00CC3C



Achromatopsia
7F7F7F



Achromatomaly
519B67

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CC3C 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 #00CC3C looks like.

```
.text, #text, p{  
    color:#00CC3C  
}
```

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 #00CC3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CC3C
}
```

Border

The CSS property to change the border of an element to Hex 00CC3C 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
#00CC3C }
```

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

```
.border{ border-color:#00CC3C }
```

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

Here you see how a box with a 4 pixel #00CC3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CC3C; -webkit-box-shadow:4px 4px  
4px 4px #00CC3C; box-shadow:4px 4px 4px  
4px #00CC3C }
```

Background

The CSS property to change the background color of an element to Hex 00CC3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CC3C }
```

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

```
.background{ background-color:#00CC3C }
```

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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