

Converting Colors

Hex(00C71E)

Have a look what the booklet for
Hex(00C71E) contains.

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Color

Hex(00C71E)

Conversions

Conversions Part 1

Format	Color
Hex	00C71E
RGB	0, 199, 30
RGB Percent	0%, 78%, 12%
CMY	1.0000, 0.2196, 0.8824
CMYK	1.00, 0.00, 0.85, 0.22
HSL	129°, 100%, 39%
HSV	129°, 100%, 78%
XYZ	20.6578, 40.9406, 8.0418
YIQ	120.2330, -64.3550, -94.7470

Conversions

Conversions Part 2

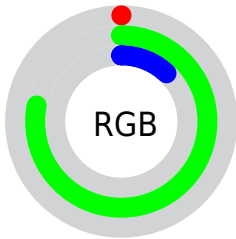
Format	Color
RYB	0, 173, 199
Decimal	50974
CIELab	70.13, -70.65, 64.59
CIELCh	70, 95.727, 137.563
Yxy	40.9406, 0.2966, 0.5879
Android (android.graphics.Color)	4278241054 (0xFF00C71E)
YUV	120.2330, -44.4849, -105.4443
Hunter-Lab	63.9848, -54.3440, 37.3376

Details

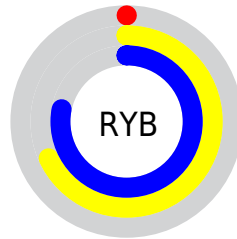
The Hex color **00C71E** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **C700A9**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **67FF5C**, and **008F00** is the 20% darker color. If you saturate the color by 10%, you get **00C71E**, and if you desaturate by 10%, it is **14C72F**.

Distribution



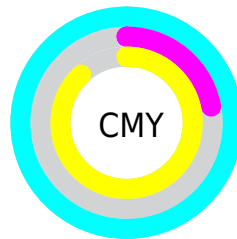
- Red (0%)
- Green (78%)
- Blue (12%)



- Red (0%)
- Yellow (68%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (85%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C71E 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 00C71E by changing the saturation by 10% instead.

 00C71E

 00C71E

FFFFFF

 00AB00

 67FF5C

 008F00

 88FF78

 007400

 A8FF94

 005A00

 C7FFB0

 004100

 E6FFCD

 002800

 FFFFEB

 000100

 000000

 00C71E

 14C72F

 28C740

 3CC751

 50C762

 64C773

 77C783

 8BC794

 9FC7A5

 B3C7B6

Harmonies

Analogous

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



9FB700



00C71E



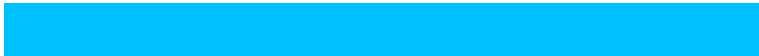
00CF83

Triad

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



00C71E



00C1FF



FF3E7D

Complementary

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



00C71E



C700A9

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.



FF43D4



00C71E



1FA5FF

Square

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



00C71E



00CEFF



EC78FF



FF7026

Rectangle

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



00C71E



00D1C0



EC78FF



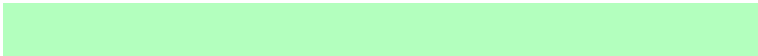
FF3599

Sweetspot

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



00C71E



B3FFBE



A9C700



528059



000000



808080

Same Dimension

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



00C71E



00FF26



00C781



5A635B



00A319



002405

Inverse Universe

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



C700A9



FF00D9



C70046



635A62



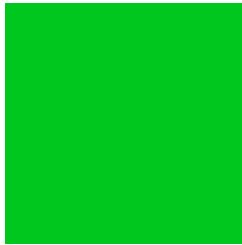
A3008B



24001E

Previews

White Background



This preview shows how the Hex color 00C71E looks on a white background.

Color Contrast Check

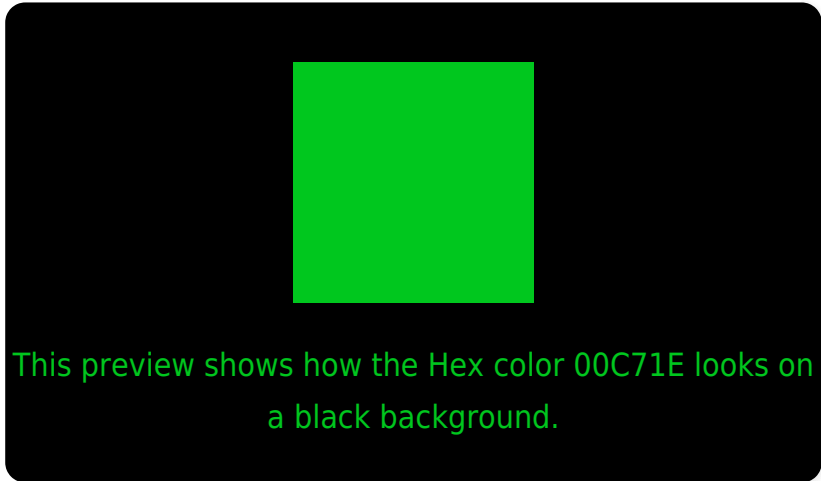
Large Text (above 18pt) WCAG AA × Fail

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 00C71E Background



This preview shows how black text looks on a background with the Hex color 00C71E.



This preview shows how white text looks on a background with the Hex color 00C71E.

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](#).

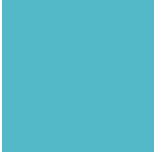
Dichromacy



Original Color
00C71E

Protanopia
C0AA15

Deuteranopia
D5A133



Tritanopia
53B9C8

Trichromacy



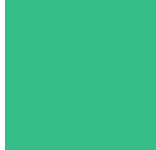
Original Color
00C71E



Protanomaly
7AB518

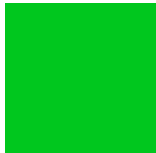


Deuteranomaly
88AF2B



Tritanomaly
35BE8A

Monochromacy



Original Color
00C71E



Achromatopsia
787878



Achromatomaly
4C9557

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C71E 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 #00C71E looks like.

```
.text, #text, p{  
    color:#00C71E  
}
```

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 #00C71E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C71E
}
```

Border

The CSS property to change the border of an element to Hex 00C71E 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".

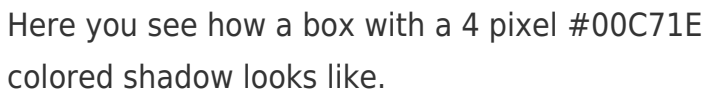
```
.border, #border, table{ border:4px solid
#00C71E }
```

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

```
.border{ border-color:#00C71E }
```

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

Here you see how a box with a 4 pixel #00C71E colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C71E; -webkit-box-shadow:4px 4px  
4px 4px #00C71E; box-shadow:4px 4px 4px  
4px #00C71E }
```

Background

The CSS property to change the background color of an element to Hex 00C71E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C71E }
```

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

```
.background{ background-color:#00C71E }
```

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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