

Converting Colors

Hex(00C52F)

Have a look what the booklet for
Hex(00C52F) contains.

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Color

Hex(00C52F)

Conversions

Conversions Part 1

Format	Color
Hex	00C52F
RGB	0, 197, 47
RGB Percent	0%, 77%, 18%
CMY	1.0000, 0.2275, 0.8157
CMYK	1.00, 0.00, 0.76, 0.23
HSL	134°, 100%, 39%
HSV	134°, 100%, 77%
XYZ	20.4793, 40.1377, 9.3573
YIQ	120.9970, -69.2620, -88.4140

Conversions

Conversions Part 2

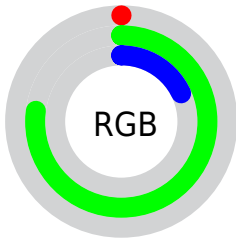
Format	Color
RYB	0, 159, 197
Decimal	50479
CIELab	69.57, -69.07, 59.27
CIELCh	70, 91.017, 139.367
Yxy	40.1377, 0.2927, 0.5736
Android (android.graphics.Color)	4278240559 (0xFF00C52F)
YUV	120.9970, -36.4805, -106.1144
Hunter-Lab	63.3544, -53.1699, 35.5910

Details

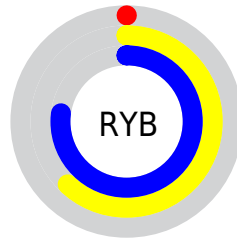
The Hex color **00C52F** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **C50096**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **66FF67**, and **008D00** is the 20% darker color. If you saturate the color by 10%, you get **00C52F**, and if you desaturate by 10%, it is **14C53E**.

Distribution



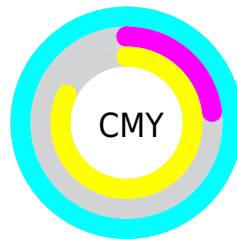
- Red (0%)
- Green (77%)
- Blue (18%)



- Red (0%)
- Yellow (62%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (76%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C52F 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 00C52F by changing the saturation by 10% instead.

 00C52F

 00C52F

FFFFFF

 00A908

 66FF67

 008D00

 86FF83

 007300

 A6FF9F

 005800

 C5FFBB

 003F00

 E4FFD8

 002700

 FFFFF5

 000000

 00C52F

 14C53E

 27C54D

 3BC55C

 4FC56B

 63C57A

 76C589

 8AC598

 9EC5A7

 B1C5B6

Harmonies

Analogous

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



9AB600



00C52F



00CC89

Triad

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



00C52F



00BDFE



FF4B79

Complementary

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



00C52F



C50096

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.



FF4ACB



00C52F



53A1FF

Square

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



00C52F



00CAFF



EE77FF



FF7528

Rectangle

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



00C52F



00CEC3



EE77FF



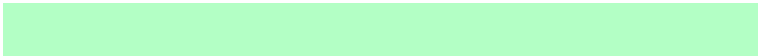
FF4394

Sweetspot

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



00C52F



B3FFC5



97C500



52805D



000000



808080

Same Dimension

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



00C52F



00FF3D



00C590



5A635C



00A327



002409

Inverse Universe

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



C50096



FF00C2



C50035



635A61



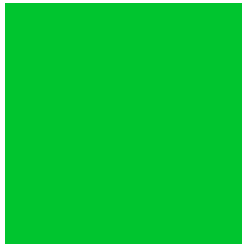
A3007C



24001B

Previews

White Background



This preview shows how the Hex color 00C52F 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 00C52F 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 00C52F Background



This preview shows how black text looks on a background with the Hex color 00C52F.



This preview shows how white text looks on a background with the Hex color 00C52F.

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](#).

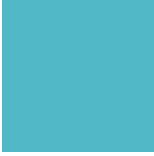
Dichromacy



Original Color
00C52F

Protanopia
BDA928

Deuteranopia
D2A03E



Tritanopia
51B8C7

Trichromacy



Original Color
00C52F



Protanomaly
78B32B



Deuteranomaly
86AD39



Tritanomaly
34BD90

Monochromacy



Original Color
00C52F



Achromatopsia
797979



Achromatomaly
4D955E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C52F 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 #00C52F looks like.

```
.text, #text, p{  
    color:#00C52F  
}
```

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 #00C52F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C52F
}
```

Border

The CSS property to change the border of an element to Hex 00C52F 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
#00C52F }
```

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

```
.border{ border-color:#00C52F }
```

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

Here you see how a box with a 4 pixel #00C52F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C52F; -webkit-box-shadow:4px 4px  
4px 4px #00C52F; box-shadow:4px 4px 4px  
4px #00C52F }
```

Background

The CSS property to change the background color of an element to Hex 00C52F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C52F }
```

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

```
.background{ background-color:#00C52F }
```

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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