

# Converting Colors

Hex(00CC2D)

Have a look what the booklet for  
Hex(00CC2D) contains.

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# Color

Hex(00CC2D)

# Conversions

## Conversions Part 1

Format	Color
Hex	00CC2D
RGB	0, 204, 45
RGB Percent	0%, 80%, 18%
CMY	1.0000, 0.2000, 0.8235
CMYK	1.00, 0.00, 0.78, 0.20
HSL	133°, 100%, 40%
HSV	133°, 100%, 80%
XYZ	22.0665, 43.3752, 9.6919
YIQ	124.8780, -70.5450, -92.6970

# Conversions

## Conversions Part 2

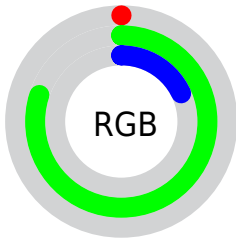
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 167, 204
Decimal	52269
CIELab	71.81, -71.18, 62.10
CIElCh	72, 94.461, 138.900
Yxy	43.3752, 0.2937, 0.5773
Android (android.graphics.Color)	4278242349 (0xFF00CC2D)
YUV	124.8780, -39.3799, -109.5180
Hunter-Lab	65.8598, -55.4478, 37.3769

# Details

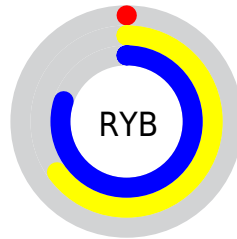
The Hex color **00CC2D** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **CC009F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **68FF67**, and **009400** is the 20% darker color. If you saturate the color by 10%, you get **00CC2D**, and if you desaturate by 10%, it is **14CC3D**.

# Distribution



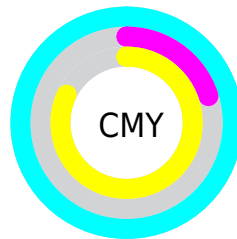
- Red (0%)
- Green (80%)
- Blue (18%)



- Red (0%)
- Yellow (65%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (78%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00CC2D 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 00CC2D by changing the saturation by 10% instead.



 00CC2D

 00CC2D

FFFFFF

 00B000


 68FF67

 009400

 89FF82

 007900

 A9FF9E

 005F00

 C8FFBB

 004500

 E7FFD8

 002D00

 FFFFF5

 000C00

 000000

 00CC2D

 14CC3D

 29CC4D

 3DCC5D

 52CC6D

 66CC7D

 7ACC8C

 8FCC9C

 A3CCAC

 B8CCBC

# Harmonies

## Analogous

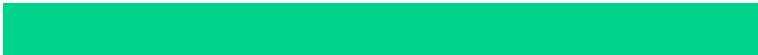
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A1BC00



00CC2D



00D48C

# Triad

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



00CC2D



00C4FF



FF4A7E

# Complementary

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



00CC2D



CC009F

# 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.



FF4BD4



00CC2D



4CA7FF

# Square

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



00CC2D



00D2FF



F57BFF



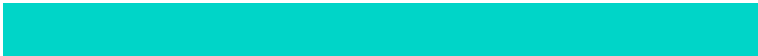
FF7829

# Rectangle

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



00CC2D



00D5C8



F57BFF



FF429A

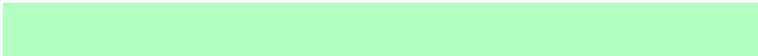


# Sweetspot

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



00CC2D



B3FFC3



A0CC00



52805C



000000



808080



# Same Dimension

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



00CC2D



00FF38



00CC92



5C665E



00A625



002608



# Inverse Universe

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



CC009F



FF00C7



CC003A



665C64



A60081

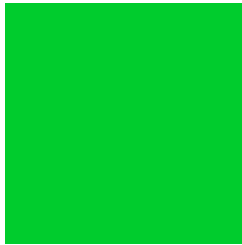


26001E



# Previews

## White Background



This preview shows how the Hex color 00CC2D 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 00CC2D 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 00CC2D Background



This preview shows how black text looks on a background with the Hex color 00CC2D.

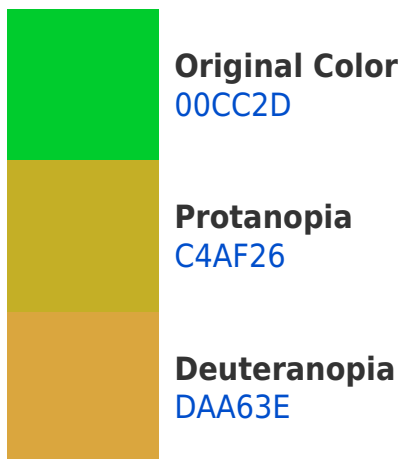


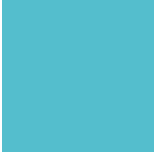
This preview shows how white text looks on a background with the Hex color 00CC2D.

# 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](#).

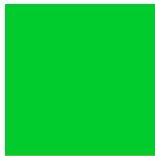
## Dichromacy





**Tritanopia**  
54BECD

# Trichromacy



**Original Color**  
00CC2D



**Protanomaly**  
7DBA29

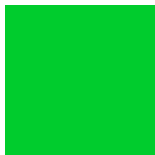


**Deuteranomaly**  
8BB438



**Tritanomaly**  
35C393

# Monochromacy



**Original Color**  
00CC2D



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
509A60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00CC2D 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 #00CC2D looks like.

```
.text, #text, p{  
    color:#00CC2D  
}
```

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 #00CC2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CC2D
}
```

## Border

The CSS property to change the border of an element to Hex 00CC2D 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
#00CC2D }
```

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

```
.border{ border-color:#00CC2D }
```

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

Here you see how a box with a 4 pixel #00CC2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CC2D; -webkit-box-shadow:4px 4px  
4px 4px #00CC2D; box-shadow:4px 4px 4px  
4px #00CC2D }
```

# Background

The CSS property to change the background color of an element to Hex 00CC2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CC2D }
```

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

```
.background{ background-color:#00CC2D }
```

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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