

Converting Colors

Hex(00CF49)

Have a look what the booklet for
Hex(00CF49) contains.

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Color

Hex(00CF49)

Conversions

Conversions Part 1

Format	Color
Hex	00CF49
RGB	0, 207, 73
RGB Percent	0%, 81%, 29%
CMY	1.0000, 0.1882, 0.7137
CMYK	1.00, 0.00, 0.65, 0.19
HSL	141°, 100%, 41%
HSV	141°, 100%, 81%
XYZ	23.5154, 45.1067, 13.7704
YIQ	129.8310, -80.3580, -85.5580

Conversions

Conversions Part 2

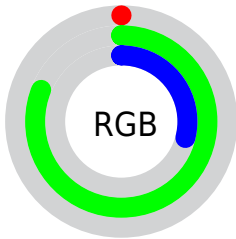
Format	Color
RYB	0, 153, 207
Decimal	53065
CIELab	72.96, -69.57, 52.99
CIELCh	73, 87.453, 142.703
Yxy	45.1067, 0.2854, 0.5475
Android (android.graphics.Color)	4278243145 (0xFF00CF49)
YUV	129.8310, -28.0177, -113.8618
Hunter-Lab	67.1615, -55.0340, 34.8566

Details

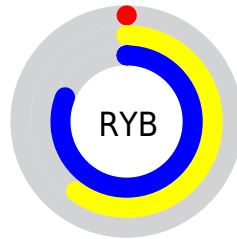
The Hex color **00CF49** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **CF0086**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **68FF7F**, and **00970B** is the 20% darker color. If you saturate the color by 10%, you get **00CF49**, and if you desaturate by 10%, it is **15CF56**.

Distribution



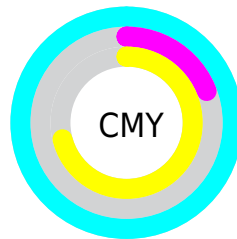
- Red (0%)
- Green (81%)
- Blue (29%)



- Red (0%)
- Yellow (60%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (65%)
- Black (19%)



- Cyan (100%)
- Magenta (19%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CF49 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 00CF49 by changing the saturation by 10% instead.

 00CF49

 00CF49

FFFFFF

 00B32D

 68FF7F

 00970B

 89FF9A

 007C00

 A8FFB6

 006100

 C7FFD2

 004800

 E6FFE7

 003000

 001200

 000000

 00CF49

 15CF56


 29CF64

 3ECF71

 53CF7F

 68CF8C

 7CCF99

 91CFA7

 A6CFB4

 BACFC2

Harmonies

Analogous

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



9CC100



00CF49



00D69C

Triad

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



00CF49



00C3FF



FF617B

Complementary

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



00CF49



CF0086

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.



FF5BCA



00CF49



83A6FF

Square

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



00CF49



00D2FF



FF7FFF



FF862F

Rectangle

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



00CF49



00D7D4



FF7FFF



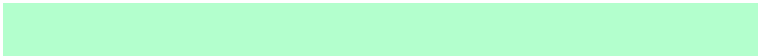
FF5995

Sweetspot

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



00CF49



B3FFCD



87CF00



528062



000000



808080

Same Dimension

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



00CF49



00FF5A



00CFB0



5E6962



00A83B



00290E

Inverse Universe

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



CF0086



FF00A5



CF001F



695E65



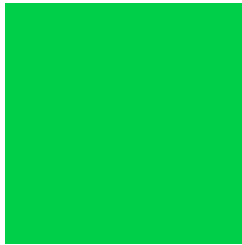
A8006D



29001A

Previews

White Background



This preview shows how the Hex color 00CF49 looks on a white background.

Color Contrast Check

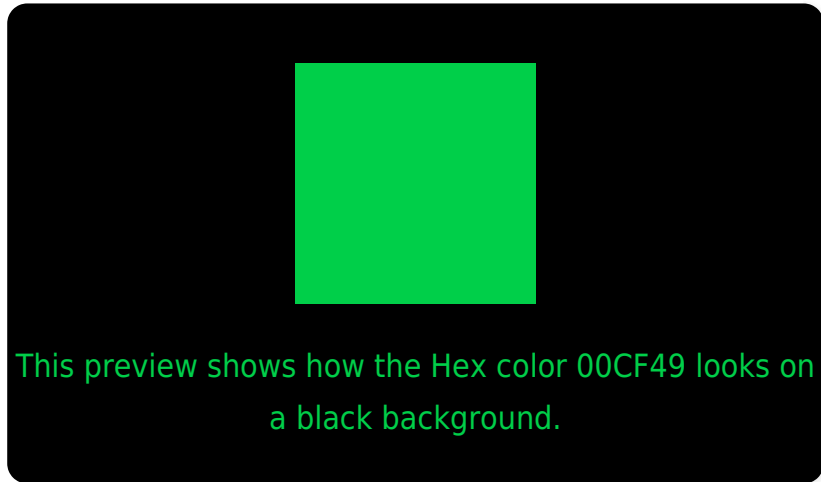
Large Text (above 18pt) WCAG AA × Fail

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 00CF49 Background



This preview shows how black text looks on a background with the Hex color 00CF49.

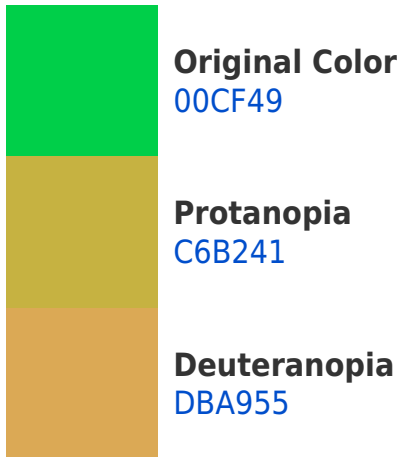


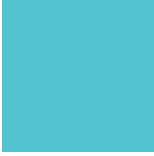
This preview shows how white text looks on a background with the Hex color 00CF49.

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
53C2D1

Trichromacy



Original Color

00CF49



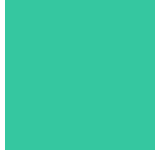
Protanomaly

7EBD44



Deuteranomaly

8BB751



Tritanomaly

35C7A0

Monochromacy



Original Color

00CF49



Achromatopsia

828282



Achromatomaly

539E6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CF49 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 #00CF49 looks like.

```
.text, #text, p{  
    color:#00CF49  
}
```

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 #00CF49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CF49
}
```

Border

The CSS property to change the border of an element to Hex 00CF49 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
#00CF49 }
```

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

```
.border{ border-color:#00CF49 }
```

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

Here you see how a box with a 4 pixel #00CF49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CF49; -webkit-box-shadow:4px 4px  
4px 4px #00CF49; box-shadow:4px 4px 4px  
4px #00CF49 }
```

Background

The CSS property to change the background color of an element to Hex 00CF49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CF49 }
```

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

```
.background{ background-color:#00CF49 }
```

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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