

Converting Colors

Hex(0CFF4A)

Have a look what the booklet for
Hex(0CFF4A) contains.

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Color

Hex(0CFF4A)

Conversions

Conversions Part 1

Format	Color
Hex	0CFF4A
RGB	12, 255, 74
RGB Percent	5%, 100%, 29%
CMY	0.9529, 0.0000, 0.7098
CMYK	0.95, 0.00, 0.71, 0.00
HSL	135°, 100%, 52%
HSV	135°, 95%, 100%
XYZ	37.1477, 72.0926, 18.4359
YIQ	161.7090, -86.7270, -107.8070

Conversions

Conversions Part 2

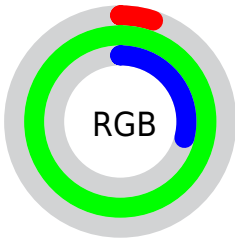
Format	Color
RYB	12, 206, 255
Decimal	851786
CIELab	88.01, -82.76, 68.69
CIELCh	88, 107.555, 140.310
Yxy	72.0926, 0.2910, 0.5647
Android (android.graphics.Color)	4279041866 (0xFF0CFF4A)
YUV	161.7090, -43.2405, -131.2948
Hunter-Lab	84.9073, -70.4927, 46.5615

Details

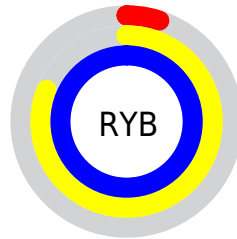
The Hex color **0CFF4A** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **FF0CC1**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **78FF84**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **00FF41**, and if you desaturate by 10%, it is **26FF5D**.

Distribution



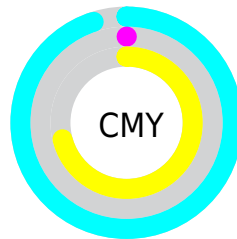
- Red (5%)
- Green (100%)
- Blue (29%)



- Red (5%)
- Yellow (81%)
- Blue (100%)



- Cyan (95%)
- Magenta (0%)
- Yellow (71%)
- Black (0%)



- Cyan (95%)
- Magenta (0%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CFF4A 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 0CFF4A by changing the saturation by 10% instead.

 0CFF4A

 0CFF4A

FFFFFF

 00E12A

 78FF84

 00C400

 9BFFA0

 00A800

 BCFFBD

 008C00

 DCFFDA

 007100

 FDFFF8

 005600

 003D00

 002300

 000000

 0CFF4A

 0CFF4A

 00FF41

 26FF5D

 3FFF70

 59FF83

 72FF96

 8CFFA9

 A5FFBC

 BFFFCF

 D8FFE2

 F2FFF5

Harmonies

Analogous

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



C7ED00



0CFF4A



00FFB7

Triad

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



0CFF4A



00F3FF



FF6B9D

Complementary

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



0CFF4A



FF0CC1

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.



FF69FF



0CFF4A



82D0FF

Square

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



0CFF4A



00FFFF



FF9DFF



FF9D39

Rectangle

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



0CFF4A



00FFFF



FF9DFF



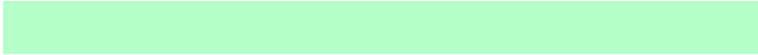
FF62BE

Sweetspot

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



0CFF4A



B5FFC8



C2FF0C



53805E



000000



808080

Same Dimension

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



0CFF4A



00FF41



0CFFC2



738076



00BF31



004010

Inverse Universe

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



FF0CC1



FF00BE



FF0C49



80737C



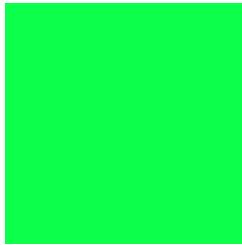
BF008E



40002F

Previews

White Background



This preview shows how the Hex color 0CFF4A 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 0CFF4A 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

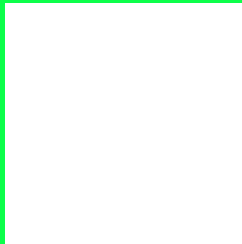
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0CFF4A Background



This preview shows how black text looks on a background with the Hex color 0CFF4A.

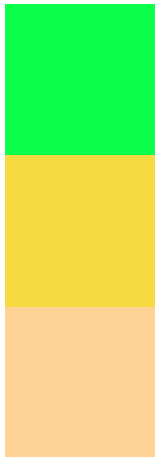


This preview shows how white text looks on a background with the Hex color 0CFF4A.

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](#).

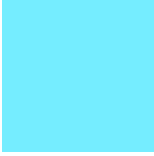
Dichromacy



Original Color
0CFF4A

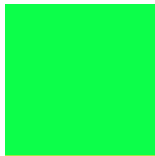
Protanopia
F5DB41

Deuteranopia
FFD395



Tritanopia
75EDFF

Trichromacy



Original Color
0CFF4A



Protanomaly
A0E844



Deuteranomaly
A7E37A

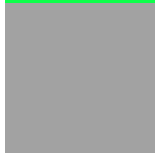


Tritanomaly
4FF4BD

Monochromacy



Original Color
0CFF4A



Achromatopsia
A2A2A2



Achromatomaly
6BC482

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CFF4A 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 #0CFF4A looks like.

```
.text, #text, p{  
    color:#0CFF4A  
}
```

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 #0CFF4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CFF4A
}
```

Border

The CSS property to change the border of an element to Hex 0CFF4A 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
#0CFF4A }
```

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

```
.border{ border-color:#0CFF4A }
```

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

Here you see how a box with a 4 pixel #0CFF4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CFF4A; -webkit-box-shadow:4px 4px  
4px 4px #0CFF4A; box-shadow:4px 4px 4px  
4px #0CFF4A }
```

Background

The CSS property to change the background color of an element to Hex 0CFF4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CFF4A }
```

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

```
.background{ background-color:#0CFF4A }
```

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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