

# Converting Colors

Hex(2CFA2C)

Have a look what the booklet for  
Hex(2CFA2C) contains.

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# Color

Hex(2CFA2C)

# Conversions

## Conversions Part 1

Format	Color
Hex	2CFA2C
RGB	44, 250, 44
RGB Percent	17%, 98%, 17%
CMY	0.8275, 0.0196, 0.8275
CMYK	0.82, 0.00, 0.82, 0.02
HSL	120°, 95%, 58%
HSV	120°, 82%, 98%
XYZ	35.6789, 69.0885, 13.8378
YIQ	164.9220, -56.6500, -107.7380

# Conversions

## Conversions Part 2

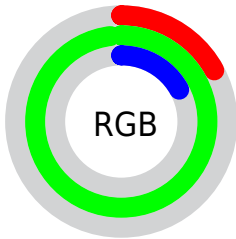
Format	Color
<a href="#">RYB</a>	44, 250, 250
Decimal	2947628
CIELab	86.55, -81.33, 76.25
CIELCh	87, 111.487, 136.846
Yxy	69.0885, 0.3008, 0.5825
Android (android.graphics.Color)	4281137708 (0xFF2CFA2C)
YUV	164.9220, -59.6145, -106.0486
Hunter-Lab	83.1195, -68.8383, 48.3130

# Details

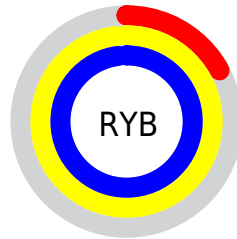
The Hex color **2CFA2C** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **FA2CFA**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **81FF6D**, and **00C000** is the 20% darker color. If you saturate the color by 10%, you get **13FA13**, and if you desaturate by 10%, it is **45FA45**.

# Distribution



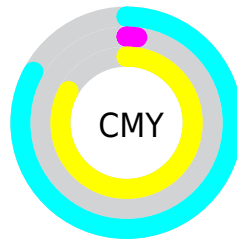
- Red (17%)
- Green (98%)
- Blue (17%)



- Red (17%)
- Yellow (98%)
- Blue (17%)



- Cyan (82%)
- Magenta (0%)
- Yellow (82%)
- Black (2%)



- Cyan (83%)
- Magenta (2%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CFA2C 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 2CFA2C by changing the saturation by 10% instead.



 2CFA2C

 2CFA2C

FFFFFF

 00DD00

 81FF6D

 00C000

 A3FF8A

 00A300

 C4FFA7

 008800

 E4FFC4

 006D00

 FFFFE2

 005200

 003900

 001F00

 000000

 2CFA2C

 2CFA2C

 13FA13

 45FA45

 00FA00

 5EFA5E

 77FA77

 90FA90

 A9FAA9

 C2FAC2

 DBFADB

 F4FAF4

 FFFAFF

# Harmonies

## Analogous

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



CDE600



2CFA2C



00FFA5

# Triad

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



2CFA2C



00F3FF



FF57A2

# Complementary

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



2CFA2C



FA2CFA

# 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.



FF5EFF



2CFA2C



28D1FF

# Square

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



2CFA2C



00FFFF



FF9CFF



FF8F3B

# Rectangle

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



2CFA2C



00FFEF



FF9CFF



FF4EC5

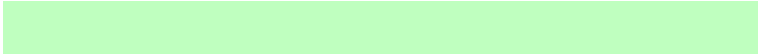


# Sweetspot

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



2CFA2C



BFFFBF



FAFA2C



598059



000000



808080



# Same Dimension

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



2CFA2C



03FF03



2CFA93



707D70



00BD00



003D00



# Inverse Universe

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



FA2CFA



FF03FF



FA2C93



7D707D



BD00BD

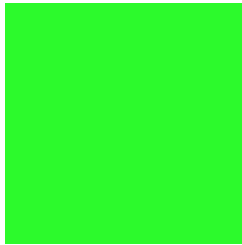


3D003D



# Previews

## White Background



This preview shows how the Hex color 2CFA2C looks on a white background.

## Color Contrast Check

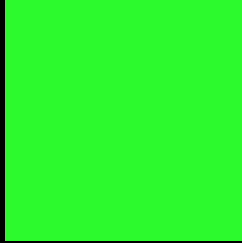
Large Text (above 18pt) WCAG AA × Fail

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 2CFA2C 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 2CFA2C Background



This preview shows how black text looks on a background with the Hex color 2CFA2C.



This preview shows how white text looks on a background with the Hex color 2CFA2C.

# 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](#).

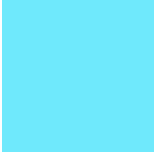
## Dichromacy



**Original Color**  
2CFA2C

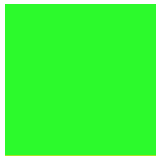
**Protanopia**  
F1D722

**Deuteranopia**  
FFCF82



**Tritanopia**  
6FE9FC

# Trichromacy



**Original Color**  
2CFA2C



**Protanomaly**  
A9E426

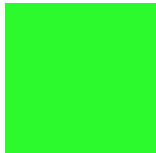


**Deuteranomaly**  
B2DF63

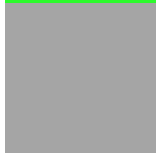


**Tritanomaly**  
57EFB0

# Monochromacy



**Original Color**  
2CFA2C



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
79C479

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CFA2C 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 #2CFA2C looks like.

```
.text, #text, p{  
    color:#2CFA2C  
}
```

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 #2CFA2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CFA2C
}
```

## Border

The CSS property to change the border of an element to Hex 2CFA2C 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
#2CFA2C }
```

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

```
.border{ border-color:#2CFA2C }
```

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

Here you see how a box with a 4 pixel #2CFA2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CFA2C; -webkit-box-shadow:4px 4px  
4px 4px #2CFA2C; box-shadow:4px 4px 4px  
4px #2CFA2C }
```

# Background

The CSS property to change the background color of an element to Hex 2CFA2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CFA2C }
```

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

```
.background{ background-color:#2CFA2C }
```

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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