

# Converting Colors

Hex(2CFD4A)

Have a look what the booklet for  
Hex(2CFD4A) contains.

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# Color

Hex(2CFD4A)

# Conversions

## Conversions Part 1

Format	Color
Hex	2CFD4A
RGB	44, 253, 74
RGB Percent	17%, 99%, 29%
CMY	0.8275, 0.0078, 0.7098
CMYK	0.83, 0.00, 0.71, 0.01
HSL	129°, 98%, 58%
HSV	129°, 83%, 99%
XYZ	37.4000, 71.2804, 18.2659
YIQ	170.1030, -67.1050, -99.9770

# Conversions

## Conversions Part 2

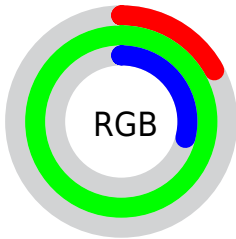
Format	Color
<a href="#">RYB</a>	<a href="#">44, 227, 253</a>
Decimal	<a href="#">2948426</a>
CIELab	<a href="#">87.62, -80.25, 68.35</a>
CIElCh	<a href="#">88, 105.414, 139.577</a>
Yxy	<a href="#">71.2804, 0.2946, 0.5615</a>
Android (android.graphics.Color)	<a href="#">4281138506 (0xFF2CFD4A)</a>
YUV	<a href="#">170.1030, -47.3788, -110.5923</a>
Hunter-Lab	<a href="#">84.4277, -68.6762, 46.2721</a>

# Details

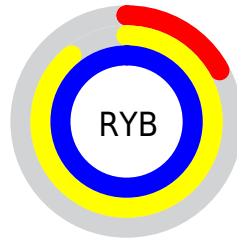
The Hex color **2CFD4A** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **FD2CDF**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **81FF84**, and **00C300** is the 20% darker color. If you saturate the color by 10%, you get **13FD34**, and if you desaturate by 10%, it is **45FD60**.

# Distribution



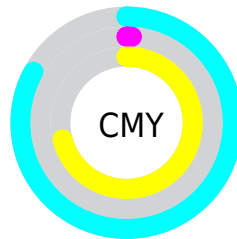
- Red (17%)
- Green (99%)
- Blue (29%)



- Red (17%)
- Yellow (89%)
- Blue (99%)



- Cyan (83%)
- Magenta (0%)
- Yellow (71%)
- Black (1%)



- Cyan (83%)
- Magenta (1%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CFD4A 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 2CFD4A by changing the saturation by 10% instead.



 2CFD4A

 2CFD4A

FFFFFF

 00E02A

 81FF84

 00C300

 A2FFA0

 00A600

 C3FFBD

 008A00

 E3FFDA

 006F00

 FFFFF8

 005500

 003C00

 002200

 000000

 2CFD4A

 2CFD4A

 13FD34

 45FD60

 00FD24

 5FFD75

 78FD8B

 91FDA1

 ABFDB6

 C4FDCC

 DDFDE2

 F6FDF7

 FFFDFF

# Harmonies

## Analogous

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



C9EB00



2CFD4A



00FFB4

# Triad

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



2CFD4A



00F2FF



FF6E9F

# Complementary

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



2CFD4A



FD2CDF

# 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.



FF6DFF



2CFD4A



7DD0FF

# Square

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



2CFD4A



00FFFF



FF9FFF



FF9D3F

# Rectangle

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



2CFD4A



00FFFA



FF9FFF



FF65C0

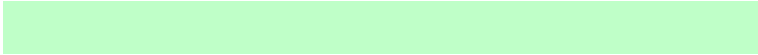


# Sweetspot

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



2CFD4A



BFFFC8



E1FD2C



59805F



000000



808080



# Same Dimension

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



2CFD4A



03FF27



2CFDB0



738075



00BF1B



004009



# Inverse Universe

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



FD2CDF



FF03DB



FD2C79



80737E



BF00A4

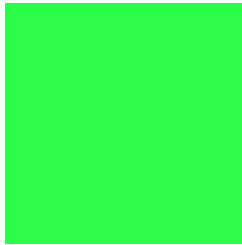


400037



# Previews

## White Background



This preview shows how the Hex color 2CFD4A 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 2CFD4A 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 2CFD4A Background



This preview shows how black text looks on a background with the Hex color 2CFD4A.

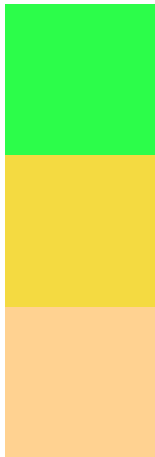


This preview shows how white text looks on a background with the Hex color 2CFD4A.

# 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](#).

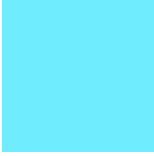
## Dichromacy



**Original Color**  
2CFD4A

**Protanopia**  
F4DA41

**Deuteranopia**  
FFD291



**Tritanopia**  
70ECFF

# Trichromacy



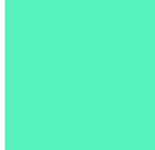
**Original Color**  
2CFD4A



**Protanomaly**  
ABE744

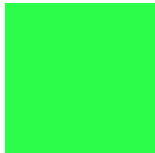


**Deuteranomaly**  
B2E277



**Tritanomaly**  
57F2BD

# Monochromacy



**Original Color**  
2CFD4A



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
7CC887

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CFD4A 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 #2CFD4A looks like.

```
.text, #text, p{  
    color:#2CFD4A  
}
```

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 #2CFD4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CFD4A
}
```

## Border

The CSS property to change the border of an element to Hex 2CFD4A 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
#2CFD4A }
```

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

```
.border{ border-color:#2CFD4A }
```

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

Here you see how a box with a 4 pixel #2CFD4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CFD4A; -webkit-box-shadow:4px 4px  
4px 4px #2CFD4A; box-shadow:4px 4px 4px  
4px #2CFD4A }
```

# Background

The CSS property to change the background color of an element to Hex 2CFD4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CFD4A }
```

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

```
.background{ background-color:#2CFD4A }
```

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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