

Converting Colors

Hex(2FCC46)

Have a look what the booklet for
Hex(2FCC46) contains.

Hex(2FCC46)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2FCC46)

Conversions

Conversions Part 1

Format	Color
Hex	2FCC46
RGB	47, 204, 70
RGB Percent	18%, 80%, 27%
CMY	0.8157, 0.2000, 0.7255
CMYK	0.77, 0.00, 0.66, 0.20
HSL	129°, 63%, 49%
HSV	129°, 77%, 80%
XYZ	23.8706, 44.2323, 13.0739
YIQ	141.7810, -50.5580, -74.9580

Conversions

Conversions Part 2

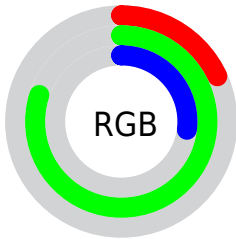
Format	Color
RYB	47, 184, 204
Decimal	3132486
CIELab	72.38, -65.50, 53.72
CIELCh	72, 84.712, 140.646
Yxy	44.2323, 0.2941, 0.5449
Android (android.graphics.Color)	4281322566 (0xFF2FCC46)
YUV	141.7810, -35.3880, -83.1229
Hunter-Lab	66.5073, -52.3211, 34.9000

Details

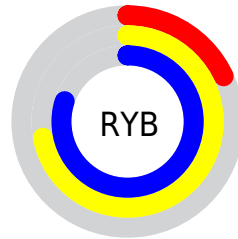
The Hex color **2FCC46** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **CC2FB5**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **76FF7C**, and **009404** is the 20% darker color. If you saturate the color by 10%, you get **1BCC35**, and if you desaturate by 10%, it is **43CC57**.

Distribution



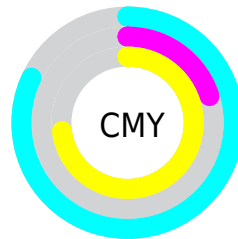
- Red (18%)
- Green (80%)
- Blue (27%)



- Red (18%)
- Yellow (72%)
- Blue (80%)



- Cyan (77%)
- Magenta (0%)
- Yellow (66%)
- Black (20%)



- Cyan (82%)
- Magenta (20%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FCC46 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 2FCC46 by changing the saturation by 10% instead.

 2FCC46

 2FCC46

FFFFFF

 00B02A

 76FF7C

 009404

 96FF97

 007900

 B4FFB3

 005F00

 D3FFCF

 004600

 F2FFEC

 002E00

 000F00

 000000

 2FCC46

 2FCC46

 1BCC35

 43CC57

 06CC23

 58CC69

 00CC1E

 6CCC7A

 81CC8C

 95CC9D

 A9CCAE

 BECCC0

 D2CCD1

 E7CCE3

Harmonies

Analogous

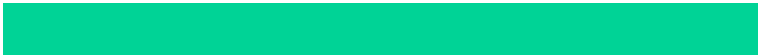
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A2BE00



2FCC46



00D396

Triad

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



2FCC46



00C2FF



FF6280

Complementary

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



2FCC46



CC2FB5

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.



FF60CD



2FCC46



77A8FF

Square

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



2FCC46



00D0FF



F682FF



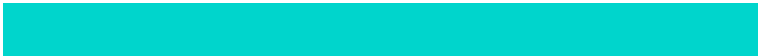
FF8338

Rectangle

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



2FCC46



00D5CC



F682FF



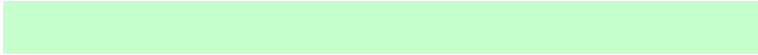
FF5C99

Sweetspot

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



2FCC46



C4FFCD



B7CC2F



5C8061



000000



808080

Same Dimension

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



2FCC46



14FF37



2FCC92



5C665D



00A618



002606

Inverse Universe

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



CC2FB5



FF14DD



CC2F69



665C65



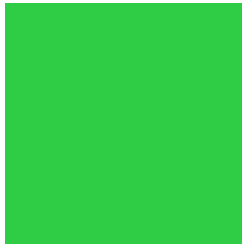
A6008D



260021

Previews

White Background



This preview shows how the Hex color 2FCC46 looks on a white background.

Color Contrast Check

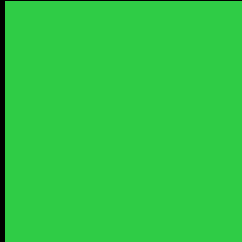
Large Text (above 18pt) WCAG AA × Fail

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 2FCC46 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 2FCC46 Background



This preview shows how black text looks on a background with the Hex color 2FCC46.

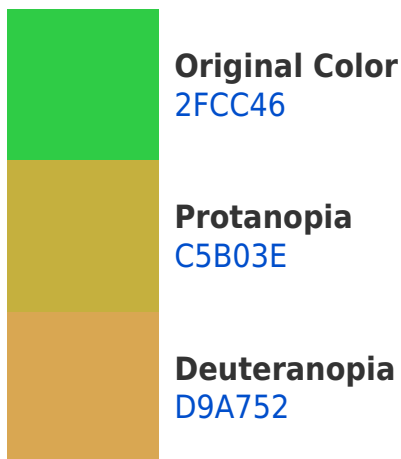


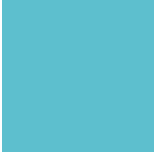
This preview shows how white text looks on a background with the Hex color 2FCC46.

Color Blindness Simulation

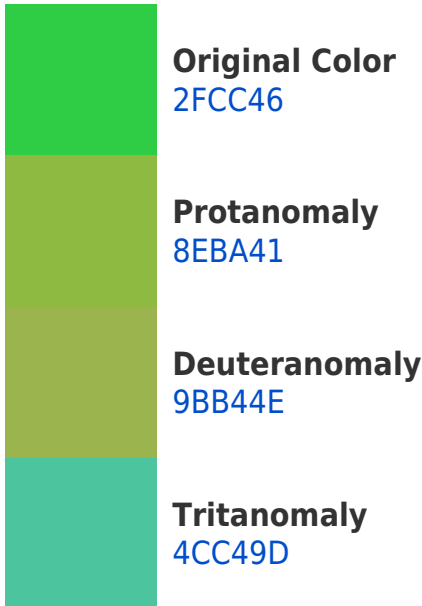
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

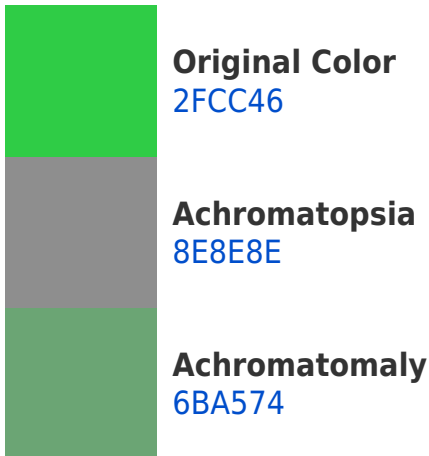




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2FCC46 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 #2FCC46 looks like.

```
.text, #text, p{  
    color:#2FCC46  
}
```

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 #2FCC46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FCC46
}
```

Border

The CSS property to change the border of an element to Hex 2FCC46 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
#2FCC46 }
```

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

```
.border{ border-color:#2FCC46 }
```

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

Here you see how a box with a 4 pixel #2FCC46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FCC46; -webkit-box-shadow:4px 4px  
4px 4px #2FCC46; box-shadow:4px 4px 4px  
4px #2FCC46 }
```

Background

The CSS property to change the background color of an element to Hex 2FCC46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FCC46 }
```

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

```
.background{ background-color:#2FCC46 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor