

Converting Colors

Hex(4FCF2F)

Have a look what the booklet for
Hex(4FCF2F) contains.

Hex(4FCF2F)	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(4FCF2F)

Conversions

Conversions Part 1

Format	Color
Hex	4FCF2F
RGB	79, 207, 47
RGB Percent	31%, 81%, 18%
CMY	0.6902, 0.1882, 0.8157
CMYK	0.62, 0.00, 0.77, 0.19
HSL	108°, 63%, 50%
HSV	108°, 77%, 81%
XYZ	26.0504, 46.4931, 10.2904
YIQ	150.4880, -24.9280, -76.8960

Conversions

Conversions Part 2

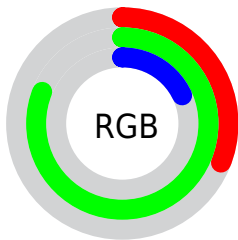
Format	Color
RYB	47, 207, 175
Decimal	5230383
CIELab	73.86, -62.56, 63.84
CIELCh	74, 89.383, 134.422
Yxy	46.4931, 0.3145, 0.5613
Android (android.graphics.Color)	4283420463 (0xFF4FCF2F)
YUV	150.4880, -51.0196, -62.6950
Hunter-Lab	68.1859, -51.1295, 38.7823

Details

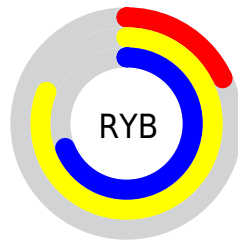
The Hex color **4FCF2F** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **AF2FCF**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **8EFF69**, and **009700** is the 20% darker color. If you saturate the color by 10%, you get **3ECF1A**, and if you desaturate by 10%, it is **60CF44**.

Distribution



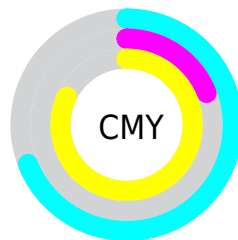
- Red (31%)
- Green (81%)
- Blue (18%)



- Red (18%)
- Yellow (81%)
- Blue (69%)



- Cyan (62%)
- Magenta (0%)
- Yellow (77%)
- Black (19%)



- Cyan (69%)
- Magenta (19%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FCF2F 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 4FCF2F by changing the saturation by 10% instead.

 4FCF2F

 4FCF2F

FFFFFF

 29B303

 8EFF69

 009700

 ACFF85

 007C00

 CAFFA1

 006200

 E9FFBD

 004900

 FFFFDA

 003200

 FFFFF8

 001600

 000000

 4FCF2F

 4FCF2F

 3ECF1A

 60CF44

 2ECF06

 70CF58

 29CF00

 81CF6D

 91CF82

 A2CF96

 B2CFAB

 C3CFC0

 D3CFD5

 E4CFE9

Harmonies

Analogous

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



B5BE00



4FCF2F



00D886

Triad

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



4FCF2F



00CBFF



FF5A92

Complementary

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



4FCF2F



AF2FCF

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.



FF62E4



4FCF2F



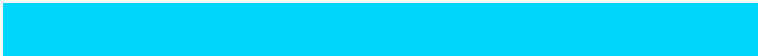
2AB2FF

Square

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



4FCF2F



00D7FF



E98CFF



FF7C44

Rectangle

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



4FCF2F



00DAC0



E98CFF



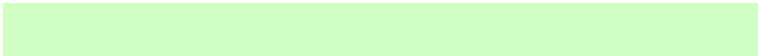
FF56AD

Sweetspot

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



4FCF2F



D0FFC4



CFAF2F



63805C



000000



808080

Same Dimension

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



4FCF2F



41FF12



2FCF5F



60695E



22A800



082900

Inverse Universe

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



AF2FCF



D012FF



CF2F9F



665E69



8700A8



210029

Previews

White Background



This preview shows how the Hex color 4FCF2F looks on a white background.

Color Contrast Check

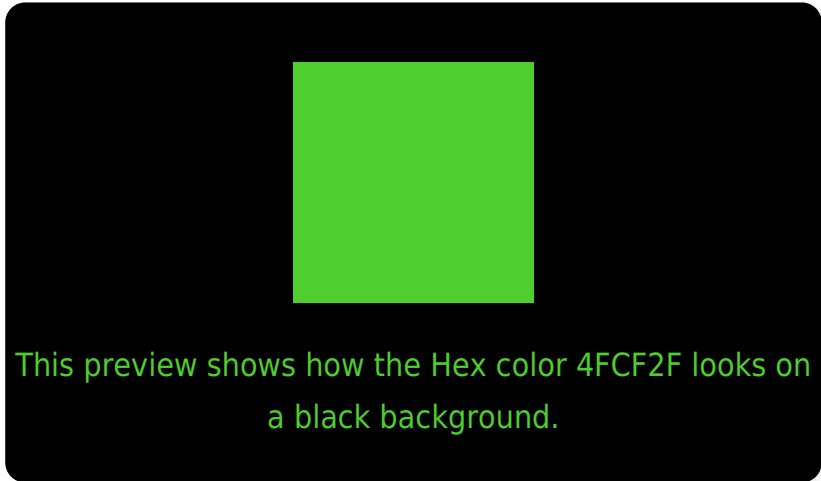
Large Text (above 18pt) WCAG AA × Fail

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

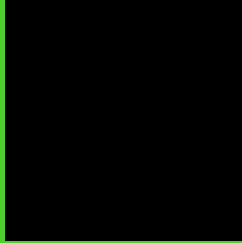
Any Text WCAG AA ✓ Pass

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 4FCF2F Background



This preview shows how black text looks on a background with the Hex color 4FCF2F.



This preview shows how white text looks on a background with the Hex color 4FCF2F.

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
4FCF2F

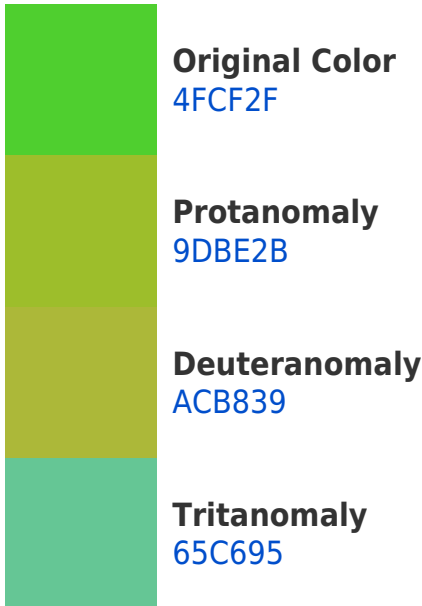
Protanopia
CAB428

Deuteranopia
E1AB3F

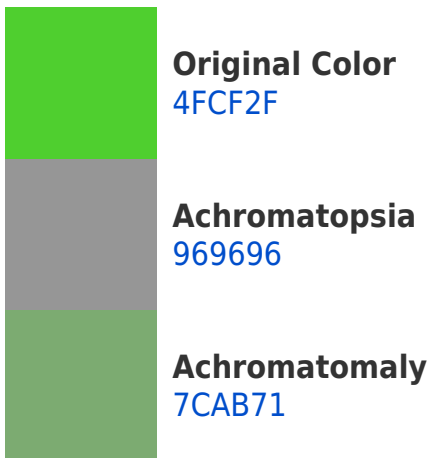


Tritanopia
71C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FCF2F 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 #4FCF2F looks like.

```
.text, #text, p{  
    color:#4FCF2F  
}
```

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 #4FCF2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FCF2F
}
```

Border

The CSS property to change the border of an element to Hex 4FCF2F 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
#4FCF2F }
```

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

```
.border{ border-color:#4FCF2F }
```

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

Here you see how a box with a 4 pixel #4FCF2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FCF2F; -webkit-box-shadow:4px 4px  
4px 4px #4FCF2F; box-shadow:4px 4px 4px  
4px #4FCF2F }
```

Background

The CSS property to change the background color of an element to Hex 4FCF2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FCF2F }
```

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

```
.background{ background-color:#4FCF2F }
```

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