

Converting Colors

Hex(FFCA4F)

Have a look what the booklet for
Hex(FFCA4F) contains.

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Color

Hex(FFCA4F)

Conversions

Conversions Part 1

Format	Color
Hex	FFCA4F
RGB	255, 202, 79
RGB Percent	100%, 79%, 31%
CMY	0.0000, 0.2078, 0.6902
CMYK	0.00, 0.21, 0.69, 0.00
HSL	42°, 100%, 65%
HSV	42°, 69%, 100%
XYZ	63.7718, 64.0656, 16.4019
YIQ	203.8250, 71.0710, -27.0170

Conversions

Conversions Part 2

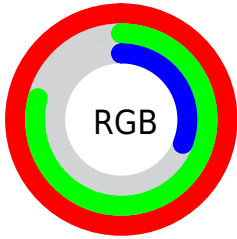
Format	Color
RYB	155, 255, 79
Decimal	16763471
CIELab	84.00, 6.69, 66.00
CIElCh	84, 66.336, 84.212
Yxy	64.0656, 0.4421, 0.4442
Android (android.graphics.Color)	4294953551 (0xFFFFCA4F)
YUV	203.8250, -61.5387, 44.8805
Hunter-Lab	80.0410, 2.1463, 43.8791

Details

The Hex color **FFCA4F** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed yellow. A complement of this color would be **4F84FF**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF86**, and **C29410** is the 20% darker color. If you saturate the color by 10%, you get **FFC236**, and if you desaturate by 10%, it is **FFD269**.

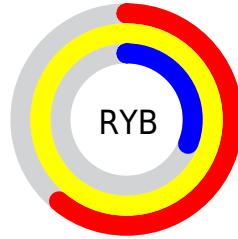
Distribution



Red (100%)

Green (79%)

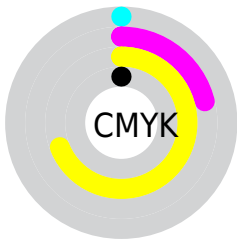
Blue (31%)



Red (61%)

Yellow (100%)

Blue (31%)

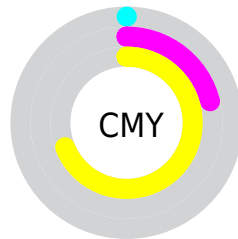


Cyan (0%)

Magenta (21%)

Yellow (69%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFCA4F 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 FFCA4F by changing the saturation by 10% instead.

 FFCA4F

 FFCA4F

FFFFFF

 E0AF33

 FFFF86

 C29410

 FFFFA2

 A57B00

 FFFFBE

 876200

 FFFFDB

 6B4A00

 FFFFF8

 4F3400

 351F00

 1D0900

 000000

 FFCA4F

 FFCA4F

 FFC236

 FFD269

 FFBB1C

 FFD982

 FF303

 FFE19C

 FF200

 FFE9B5

 FFF0CF

 FFF8E8

FFFFFF

Harmonies

Analogous

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



FFB26D



FFCA4F



C3DD59

Triad

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



FFCA4F



00F0FF



FFADFF

Complementary

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



FFCA4F



4F84FF

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.



C0C6FF



FFCA4F



00EAFB

Square

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



FFCA4F



00F0C3



00DCFF



FF9BE0

Rectangle

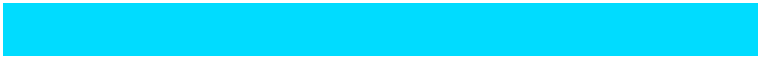
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFCA4F



92E674



00DCFF



FCB5FF

Sweetspot

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



FFCA4F



FFEFC9



FF4F87



807660



000000



808080

Same Dimension

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



FFCA4F



FFBF2B



DFFF4F



807C73



BF8600



402D00

Inverse Universe

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



4F84FF



2B6BFF



6F4FFF



737780



003ABF



001340

Previews

White Background



This preview shows how the Hex color FFCA4F looks on a white background.

Color Contrast Check

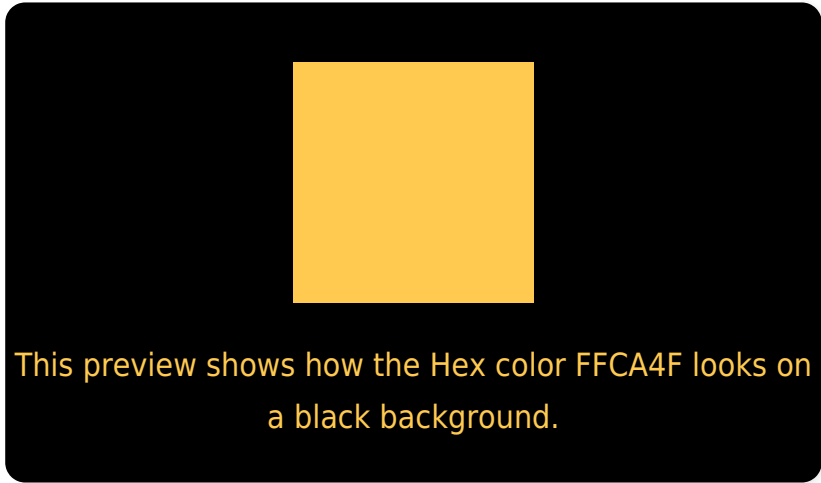
Large Text (above 18pt) WCAG AA × Fail

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 FFCA4F Background



This preview shows how black text looks on a background with the Hex color FFCA4F.

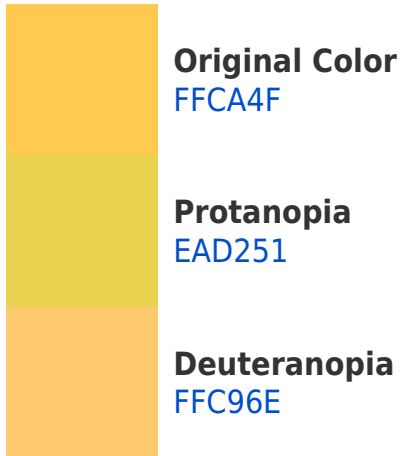


This preview shows how white text looks on a background with the Hex color FFCA4F.

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](#).

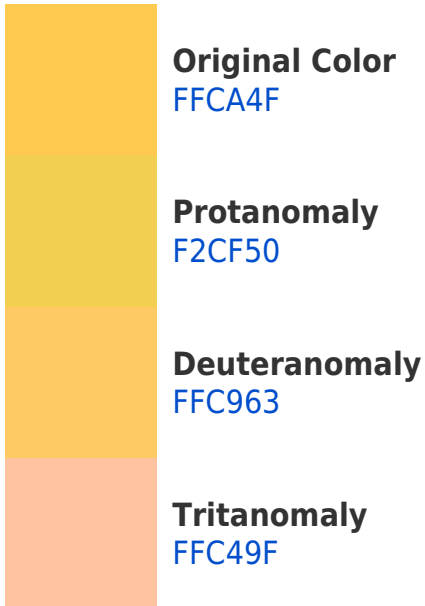
Dichromacy



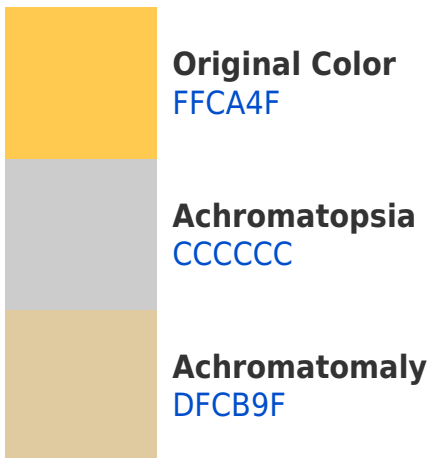


Tritanopia
FFC1CD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFCA4F 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 #FFCA4F looks like.

```
.text, #text, p{  
    color:#FFCA4F  
}
```

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 #FFCA4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFCA4F
}
```

Border

The CSS property to change the border of an element to Hex FFCA4F 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
#FFCA4F }
```

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

```
.border{ border-color:#FFCA4F }
```

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

Here you see how a box with a 4 pixel #FFCA4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFCA4F; -webkit-box-shadow:4px 4px  
4px 4px #FFCA4F; box-shadow:4px 4px 4px  
4px #FFCA4F }
```

Background

The CSS property to change the background color of an element to Hex FFCA4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFCA4F }
```

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

```
.background{ background-color:#FFCA4F }
```

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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