

# Converting Colors

Hex(FCA54F)

Have a look what the booklet for  
Hex(FCA54F) contains.

<b>Hex(FCA54F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(FCA54F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FCA54F
RGB	252, 165, 79
RGB Percent	99%, 65%, 31%
CMY	0.0118, 0.3529, 0.6902
CMYK	0.00, 0.35, 0.69, 0.01
HSL	30°, 97%, 65%
HSV	30°, 69%, 99%
XYZ	55.0113, 48.1702, 13.7955
YIQ	181.2090, 79.4580, -8.3020

# Conversions

## Conversions Part 2

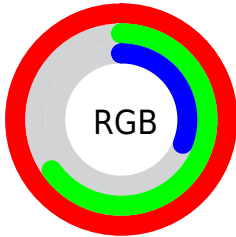
<b>Format</b>	<b>Color</b>
<b>RYB</b>	252, 250, 79
Decimal	16557391
CIELab	74.93, 24.74, 56.33
CIELCh	75, 61.520, 66.292
Yxy	48.1702, 0.4703, 0.4118
Android (android.graphics.Color)	4294747471 (0xFFFC A54F)
YUV	181.2090, -50.3890, 62.0837
Hunter-Lab	69.4048, 20.0235, 36.7983

# Details

The Hex color **FCA54F** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4FA6FC**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFDC84**, and **BF7119** is the 20% darker color. If you saturate the color by 10%, you get **FC9836**, and if you desaturate by 10%, it is **FCB268**.

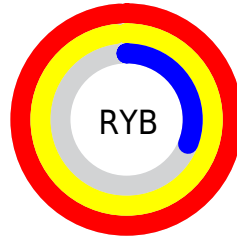
# Distribution



Red (99%)

Green (65%)

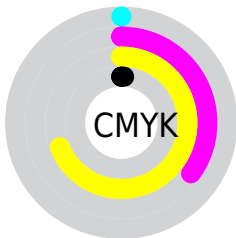
Blue (31%)



Red (99%)

Yellow (98%)

Blue (31%)

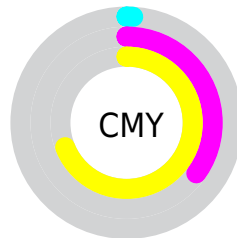


Cyan (0%)

Magenta (35%)

Yellow (69%)

Black (1%)



Cyan (1%)

Magenta (35%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FCA54F 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 FCA54F by changing the saturation by 10% instead.



 FCA54F

 FCA54F

FFFFFF

 DD8B35

 FFDC84

 BF7119

 FFF99F

 A15800

 FFFFBA

 834000


 FFFFD7

 662900

 FFFFF4

 4A1300

 300000

 080000

 000000

 FCA54F

 FCA54F

 FC9836

 FCB268

 FC8C1D

 FCBE81

 FC7F03

 FCCB9B

 FC7D00

 FCD8B4

 FCE4CD

 FCF1E6

 FCFEFF

 FCFFFF

# Harmonies

## Analogous

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



FF9078



FCA54F



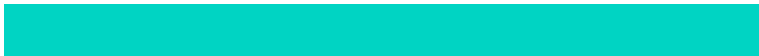
CDB940

# Triad

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



FCA54F



00D4C3



CBA5FF

# Complementary

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



FCA54F



4FA6FC

# 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.



61BBFF



FCA54F



00D3FA

# Square

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



FCA54F



34D189



00CAFF



FF8FE7

# Rectangle

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



FCA54F



A6C44D



00CAFF



AFACFF

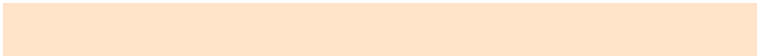


# Sweetspot

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



FCA54F



FFE4C9



FC4FA8



806F60



000000



808080



# Same Dimension

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



FCA54F



FF962E



FCF94F



7D7770



BD5E00



3D1E00



# Inverse Universe

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



4FA6FC



2E97FF



4F52FC



70777D



005FBD



001F3D



# Previews

## White Background



This preview shows how the Hex color FCA54F looks on a white background.

## Color Contrast Check

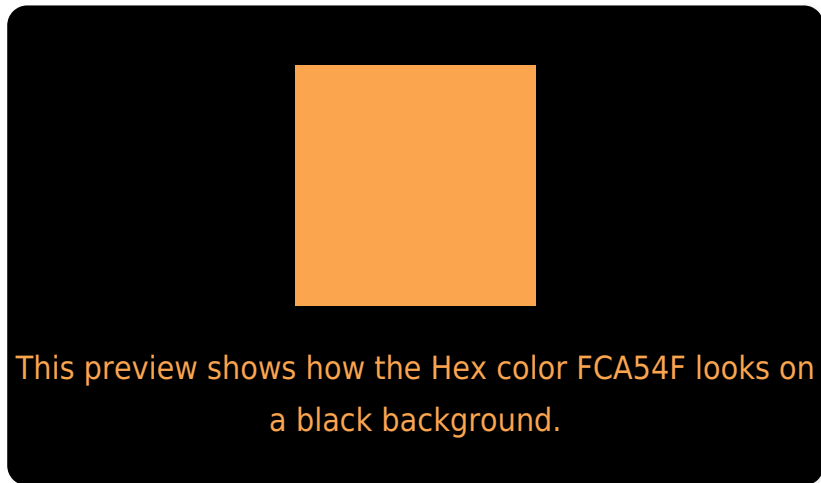
Large Text (above 18pt) WCAG AA × Fail

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 FCA54F Background



This preview shows how black text looks on a background with the Hex color FCA54F.



This preview shows how white text looks on a background with the Hex color FCA54F.

# 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**  
FCA54F

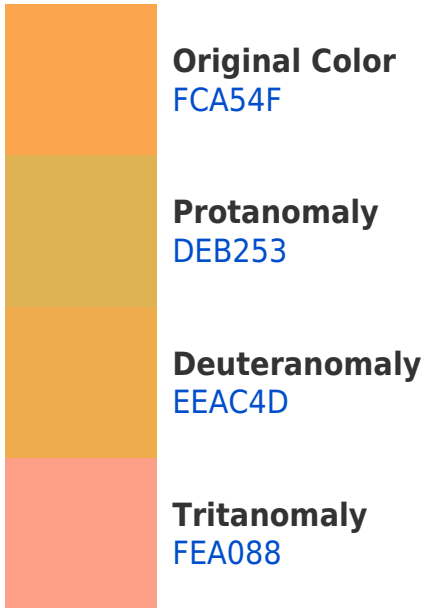
**Protanopia**  
CDB955

**Deuteranopia**  
E6B04C

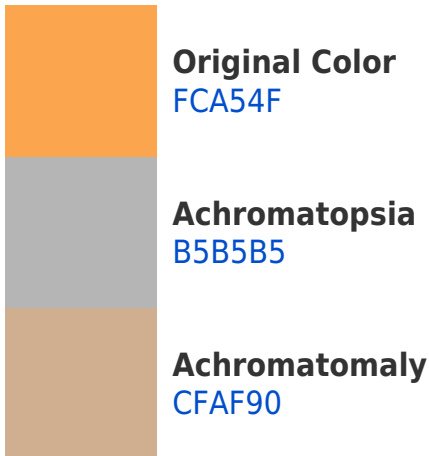


**Tritanopia**  
FF9DA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FCA54F 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 #FCA54F looks like.

```
.text, #text, p{  
    color:#FCA54F  
}
```

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 #FCA54F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCA54F
}
```

## Border

The CSS property to change the border of an element to Hex FCA54F 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
#FCA54F }
```

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

```
.border{ border-color:#FCA54F }
```

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

Here you see how a box with a 4 pixel #FCA54F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCA54F; -webkit-box-shadow:4px 4px  
4px 4px #FCA54F; box-shadow:4px 4px 4px  
4px #FCA54F }
```

# Background

The CSS property to change the background color of an element to Hex FCA54F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCA54F }
```

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

```
.background{ background-color:#FCA54F }
```

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