

# Converting Colors

Hex(FCA34F)

Have a look what the booklet for  
Hex(FCA34F) contains.

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# **Color**

**Hex(FCA34F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCA34F
RGB	252, 163, 79
RGB Percent	99%, 64%, 31%
CMY	0.0118, 0.3608, 0.6902
CMYK	0.00, 0.35, 0.69, 0.01
HSL	29°, 97%, 65%
HSV	29°, 69%, 99%
XYZ	54.6534, 47.4543, 13.6762
YIQ	180.0350, 80.0080, -7.2560

# Conversions

## Conversions Part 2

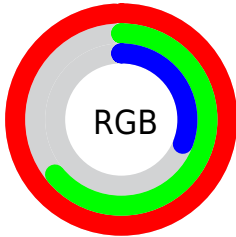
Format	Color
<b>RYB</b>	252, 242, 79
Decimal	16556879
CIELab	74.48, 25.78, 55.84
CIELCh	74, 61.503, 65.216
Yxy	47.4543, 0.4720, 0.4099
Android (android.graphics.Color)	4294746959 (0xFFFC A34F)
YUV	180.0350, -49.8103, 63.1133
Hunter-Lab	68.8871, 21.0651, 36.4501

# Details

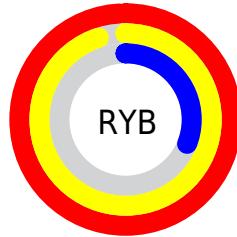
The Hex color **FCA34F** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4FA8FC**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFDA83**, and **BF6F1A** is the 20% darker color. If you saturate the color by 10%, you get **FC9636**, and if you desaturate by 10%, it is **FCB068**.

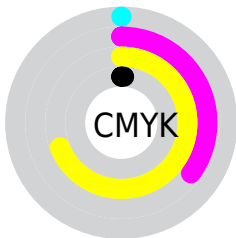
# Distribution



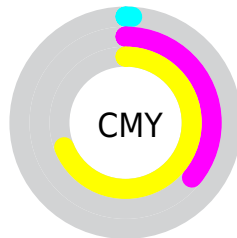
- Red (99%)
- Green (64%)
- Blue (31%)



- Red (99%)
- Yellow (95%)
- Blue (31%)



- Cyan (0%)
- Magenta (35%)
- Yellow (69%)
- Black (1%)



- Cyan (1%)
- Magenta (36%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FCA34F 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 FCA34F by changing the saturation by 10% instead.



 FCA34F

 FCA34F

FFFFFF

 DD8935

 FFDA83

 BF6F1A

 FFF79E

 A05600

 FFFFBA

 833E00

 FFFFD6

 662700

 FFFFF3

 4A1100

 2F0000

 050000

 000000

 FCA34F

 FCA34F

 FC9636

 FCB068

 FC891D

 FCBD81

 FC7C03

 FCCA9B

 FC7A00

 FCD7B4

 FCE4CD

 FCF1E6

 FCFEFF

 FCFFFF

# Harmonies

## Analogous

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



FF8E79



FCA34F



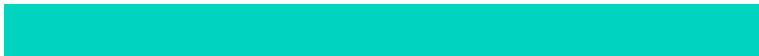
CDB83F

# Triad

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



FCA34F



00D3C0



C7A4FF

# Complementary

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



FCA34F



4FA8FC

# 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.



59BAFF



FCA34F



00D1F7

# Square

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



FCA34F



38D086



00CAFF



FF8EE8

# Rectangle

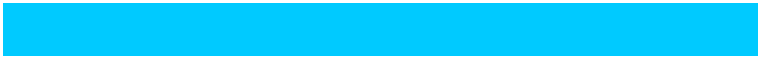
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FCA34F



A7C24A



00CAFF



AAACFF



# Sweetspot

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



FCA34F



FFE3C9



FC4FA8



806F60



000000



808080



# Same Dimension

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



FCA34F



FF932E



FCF94F



7D7770



BD5C00



3D1E00



# Inverse Universe

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



4FA8FC



2E99FF



4F52FC



70777D



0061BD



001F3D



# Previews

## White Background



This preview shows how the Hex color FCA34F looks on a white background.

## Color Contrast Check

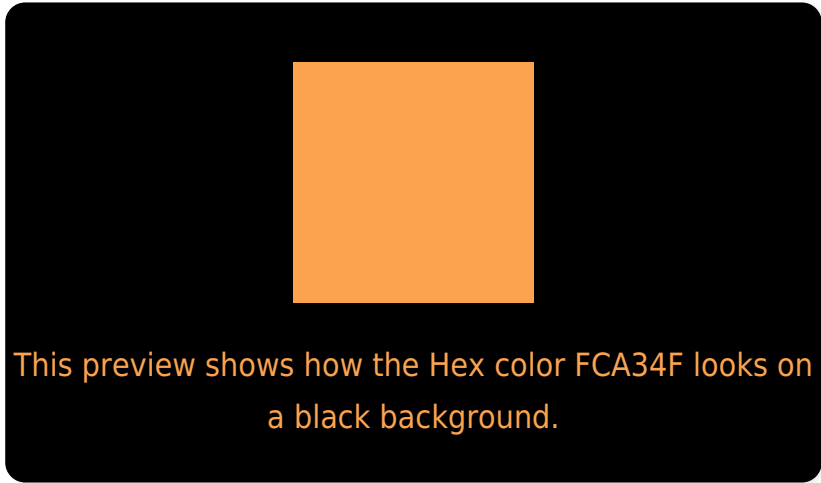
Large Text (above 18pt) WCAG AA × Fail

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

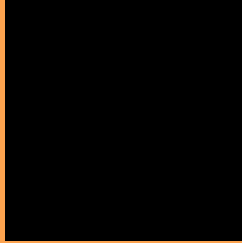
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FCA34F Background



This preview shows how black text looks on a background with the Hex color FCA34F.

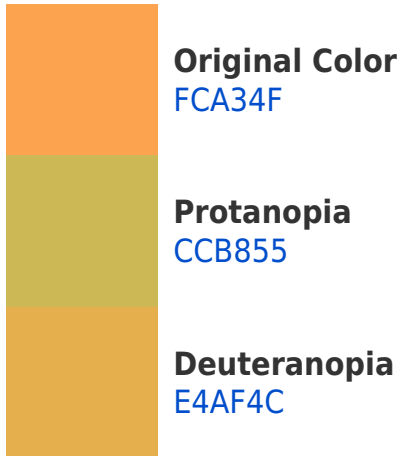



This preview shows how white text looks on a background with the Hex color FCA34F.

# 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](#).

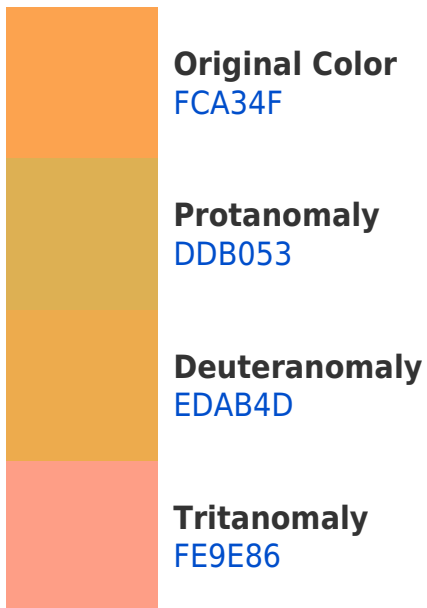
## Dichromacy



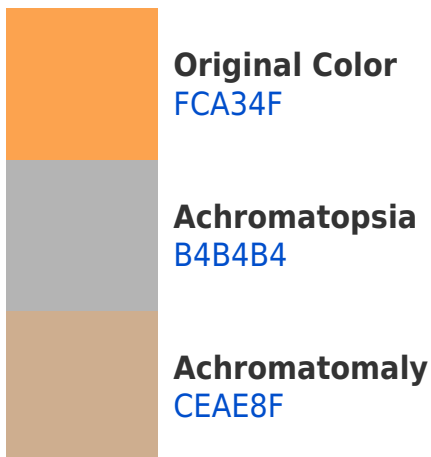


**Tritanopia**  
FF9BA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FCA34F 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 #FCA34F looks like.

```
.text, #text, p{  
    color:#FCA34F  
}
```

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 #FCA34F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCA34F  
}
```

## Border

The CSS property to change the border of an element to Hex FCA34F 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  
#FCA34F }
```

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

```
.border{ border-color:#FCA34F }
```

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

Here you see how a box with a 4 pixel #FCA34F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCA34F; -webkit-box-shadow:4px 4px  
4px 4px #FCA34F; box-shadow:4px 4px 4px  
4px #FCA34F }
```

# Background

The CSS property to change the background color of an element to Hex FCA34F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCA34F }
```

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

```
.background{ background-color:#FCA34F }
```

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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