

# Converting Colors

Hex(F3A45F)

Have a look what the booklet for  
Hex(F3A45F) contains.

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# **Color**

**Hex(F3A45F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F3A45F
RGB	243, 164, 95
RGB Percent	95%, 64%, 37%
CMY	0.0471, 0.3569, 0.6275
CMYK	0.00, 0.33, 0.61, 0.05
HSL	28°, 86%, 66%
HSV	28°, 61%, 95%
XYZ	52.3032, 46.4318, 17.0320
YIQ	179.7550, 69.2330, -4.7110

# Conversions

## Conversions Part 2

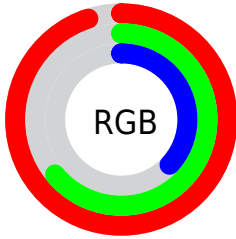
Format	Color
<b>R<sub>YB</sub></b>	243, 224, 95
Decimal	15967327
CIE <sub>Lab</sub>	73.82, 22.56, 47.11
CIE <sub>LCh</sub>	74, 52.230, 64.415
Yxy	46.4318, 0.4518, 0.4011
Android (android.graphics.Color)	4294157407 (0xFF3A45F)
YUV	179.7550, -41.7842, 55.4659
Hunter-Lab	68.1409, 17.7653, 32.8789

# Details

The Hex color **F3A45F** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5FAEF3**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFDB93**, and **B7702D** is the 20% darker color. If you saturate the color by 10%, you get **F39747**, and if you desaturate by 10%, it is **F3B177**.

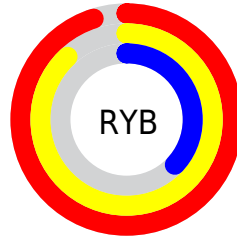
# Distribution



Red (95%)

Green (64%)

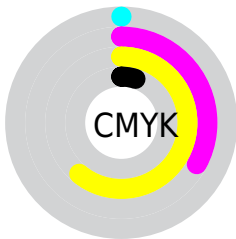
Blue (37%)



Red (95%)

Yellow (88%)

Blue (37%)

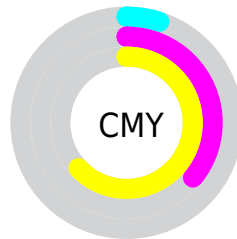


Cyan (0%)

Magenta (33%)

Yellow (61%)

Black (5%)



Cyan (5%)

Magenta (36%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F3A45F 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 F3A45F by changing the saturation by 10% instead.



 F3A45F

 F3A45F

FFFFFF

 D58A46

 FFDB93

 B7702D

 FFF8AE

 995713

 FFFFCA

 7D4000

 FFFFE7

 612900

 451300

 2B0000

 000000

 F3A45F

 F3A45F

 F39747

 F3B177

 F38A2E

 F3BE90

 F37D16

 F3CBA8

 F37100

 F3D8C0

 F3E5D8

 F3F2F1

 F3FFFF

# Harmonies

## Analogous

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



FF9482



F3A45F



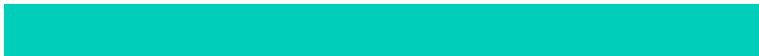
CBB552

# Triad

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



F3A45F



00CEBB



C3A6FF

# Complementary

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



F3A45F



5FAEF3

# 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.



6FB8FF



F3A45F



00CCEA

# Square

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



F3A45F



58CB8A



00C5FF



F695E0

# Rectangle

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



F3A45F



ABBF5B



00C5FF



ABACFF



# Sweetspot

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



F3A45F



FFE6D1



F35FB0



807163



000000



808080



# Same Dimension

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



F3A45F



FF9C45



F3EC5F



7A746E



BA5700



3B1B00



# Inverse Universe

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



5FAEF3



45A8FF



5F66F3



6E757A



0063BA



001F3B



# Previews

## White Background



This preview shows how the Hex color F3A45F looks on a white background.

## Color Contrast Check

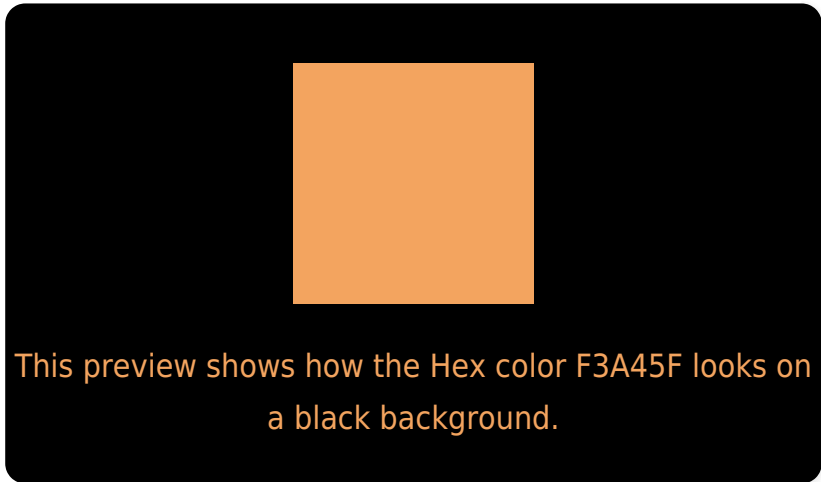
Large Text (above 18pt) WCAG AA × Fail

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

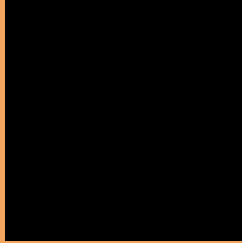
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F3A45F Background



This preview shows how black text looks on a background with the Hex color F3A45F.

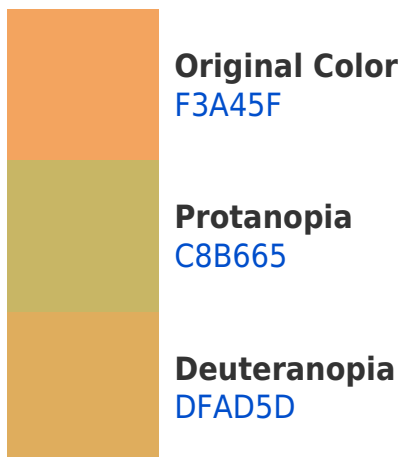


This preview shows how white text looks on a background with the Hex color F3A45F.

# 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](#).

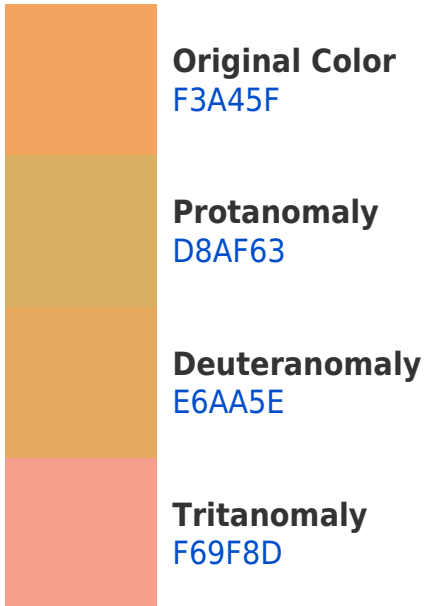
## Dichromacy





**Tritanopia**  
F89CA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F3A45F 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 #F3A45F looks like.

```
.text, #text, p{  
    color:#F3A45F  
}
```

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 #F3A45F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3A45F
}
```

## Border

The CSS property to change the border of an element to Hex F3A45F 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
#F3A45F }
```

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

```
.border{ border-color:#F3A45F }
```

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

Here you see how a box with a 4 pixel #F3A45F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3A45F; -webkit-box-shadow:4px 4px  
4px 4px #F3A45F; box-shadow:4px 4px 4px  
4px #F3A45F }
```

# Background

The CSS property to change the background color of an element to Hex F3A45F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3A45F }
```

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

```
.background{ background-color:#F3A45F }
```

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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