

# Converting Colors

Hex(F5A14F)

Have a look what the booklet for  
Hex(F5A14F) contains.

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# **Color**

**Hex(F5A14F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5A14F
RGB	245, 161, 79
RGB Percent	96%, 63%, 31%
CMY	0.0392, 0.3686, 0.6902
CMYK	0.00, 0.34, 0.68, 0.04
HSL	30°, 89%, 64%
HSV	30°, 68%, 96%
XYZ	51.8123, 45.4667, 13.4423
YIQ	176.7680, 76.3860, -7.6940

# Conversions

## Conversions Part 2

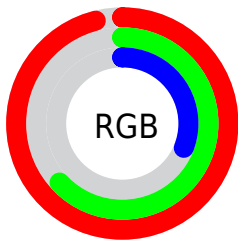
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 241, 79
Decimal	16097615
CIE <sub>Lab</sub>	73.20, 23.97, 54.20
CIE <sub>LCh</sub>	73, 59.267, 66.143
Yxy	45.4667, 0.4680, 0.4106
Android (android.graphics.Color)	4294287695 (0xFF5A14F)
YUV	176.7680, -48.1996, 59.8395
Hunter-Lab	67.4290, 19.1583, 35.3806

# Details

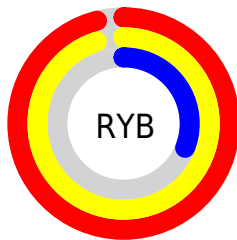
The Hex color **F5A14F** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4FA3F5**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFD883**, and **B86D1A** is the 20% darker color. If you saturate the color by 10%, you get **F59537**, and if you desaturate by 10%, it is **F5AD67**.

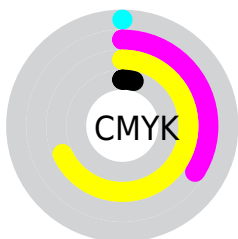
# Distribution



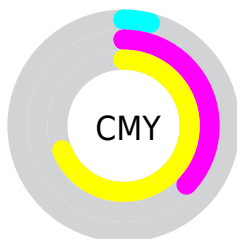
- Red (96%)
- Green (63%)
- Blue (31%)



- Red (96%)
- Yellow (95%)
- Blue (31%)



- Cyan (0%)
- Magenta (34%)
- Yellow (68%)
- Black (4%)



- Cyan (4%)
- Magenta (37%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5A14F 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 F5A14F by changing the saturation by 10% instead.



 F5A14F

 F5A14F

FFFFFF

 D68735

 FFD883

 B86D1A

 FFF59E

 9A5400

 FFFFBA

 7D3D00

 FFFFD6

 602600

 FFFFF3

 441000

 2B0000

 000000

 F5A14F

 F5A14F

 F59537

 F5AD67

 F5881E

 F5BA80

 F57C06

 F5C699

 F57900

 F5D3B1

 F5DFCA

 F5EBE2

 F5F8FB

 F5FFFF

# Harmonies

## Analogous

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



FF8D77



F5A14F



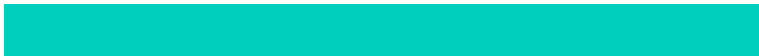
C8B541

# Triad

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



F5A14F



00CFBE



C6A1FF

# Complementary

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



F5A14F



4FA3F5

# 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.



61B6FF



F5A14F



00CDF2

# Square

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



F5A14F



39CB86



00C5FF



FF8CE1

# Rectangle

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



F5A14F



A3BF4C



00C5FF



ABA8FF

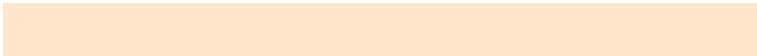


# Sweetspot

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



F5A14F



FFE5CC



F54FA5



807061



000000



808080



# Same Dimension

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



F5A14F



FF9630



F5F24F



7A746E



BA5C00



3B1D00



# Inverse Universe

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



4FA3F5



3099FF



4F52F5



6E747A



005EBA



001E3B



# Previews

## White Background



This preview shows how the Hex color F5A14F looks on a white background.

## Color Contrast Check

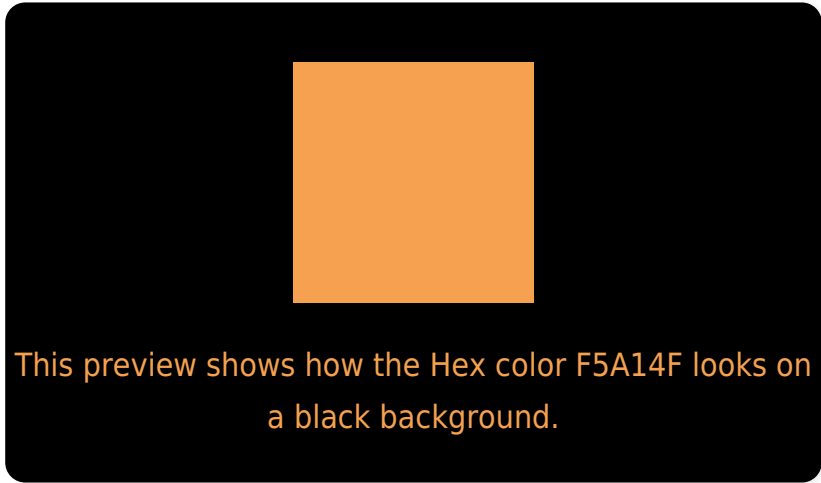
Large Text (above 18pt) WCAG AA × Fail

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 F5A14F Background



This preview shows how black text looks on a background with the Hex color F5A14F.



This preview shows how white text looks on a background with the Hex color F5A14F.

# 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**  
F5A14F

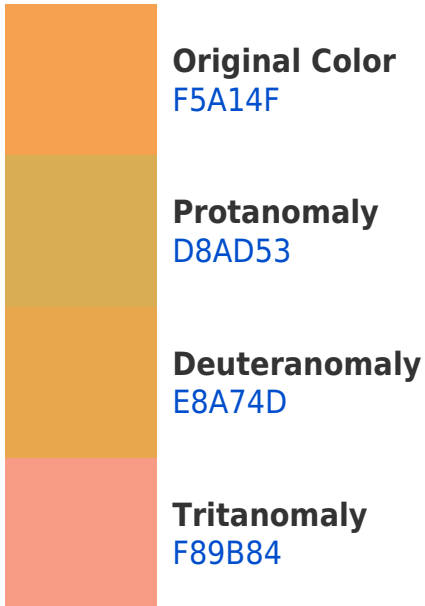
**Protanopia**  
C8B455

**Deuteranopia**  
E0AB4C

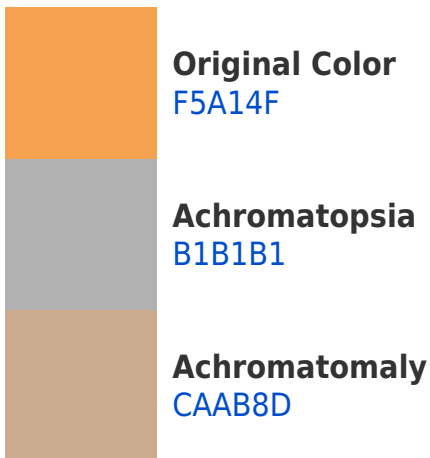


**Tritanopia**  
FA98A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5A14F 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 #F5A14F looks like.

```
.text, #text, p{  
    color:#F5A14F  
}
```

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 #F5A14F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5A14F
}
```

## Border

The CSS property to change the border of an element to Hex F5A14F 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
#F5A14F }
```

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

```
.border{ border-color:#F5A14F }
```

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

Here you see how a box with a 4 pixel #F5A14F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5A14F; -webkit-box-shadow:4px 4px  
4px 4px #F5A14F; box-shadow:4px 4px 4px  
4px #F5A14F }
```

# Background

The CSS property to change the background color of an element to Hex F5A14F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5A14F }
```

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

```
.background{ background-color:#F5A14F }
```

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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