

# Converting Colors

Hex(F3B14A)

Have a look what the booklet for  
Hex(F3B14A) contains.

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**Color**

**Hex(F3B14A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3B14A
RGB	243, 177, 74
RGB Percent	95%, 69%, 29%
CMY	0.0471, 0.3059, 0.7098
CMYK	0.00, 0.27, 0.70, 0.05
HSL	37°, 88%, 62%
HSV	37°, 70%, 95%
XYZ	53.9203, 50.9934, 13.4794
YIQ	184.9920, 72.3990, -18.0410

# Conversions

## Conversions Part 2

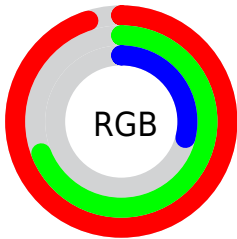
Format	Color
<a href="#">RYB</a>	<a href="#">182, 243, 74</a>
Decimal	<a href="#">15970634</a>
CIELab	<a href="#">76.67, 14.45, 60.11</a>
CIELCh	<a href="#">77, 61.819, 76.481</a>
Yxy	<a href="#">50.9934, 0.4554, 0.4307</a>
Android (android.graphics.Color)	<a href="#">4294160714</a> ( <a href="#">0xFFFF3B14A</a> )
YUV	<a href="#">184.9920, -54.7191, 50.8730</a>
Hunter-Lab	<a href="#">71.4096, 9.8157, 38.7951</a>

# Details

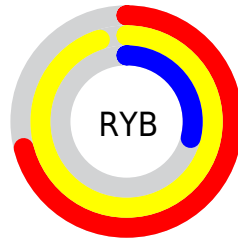
The Hex color **F3B14A** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **4A8CF3**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFE97F**, and **B67D0F** is the 20% darker color. If you saturate the color by 10%, you get **F3A832**, and if you desaturate by 10%, it is **F3BA62**.

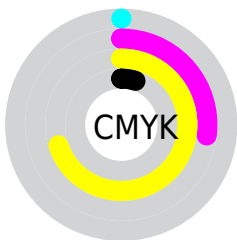
# Distribution



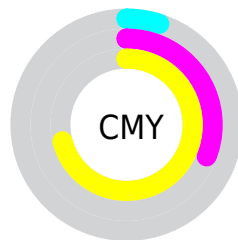
- Red (95%)
- Green (69%)
- Blue (29%)



- Red (71%)
- Yellow (95%)
- Blue (29%)



- Cyan (0%)
- Magenta (27%)
- Yellow (70%)
- Black (5%)



- Cyan (5%)
- Magenta (31%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F3B14A 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 F3B14A by changing the saturation by 10% instead.



 F3B14A

 F3B14A

FFFFFF

 D4962F

 FFE97F

 B67D0F

 FFFF9B

 996400

 FFFFB6

 7C4C00

 FFFFD3

 603500

 FFFFF0

 442000

 2A0B00

 000000

 F3B14A

 F3B14A

 F3A832

 F3BA62

 F39E19

 F3C47B

 F39501

 F3CD93

 F39400

 F3D7AB

 F3E0C3

 F3EADC

 F3F3F4

 F3FDFD

 F3FFFF

# Harmonies

## Analogous

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



FF9B6C



F3B14A



BFC448

# Triad

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



F3B14A



00DADC



E9A1FF

# Complementary

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



F3B14A



4A8CF3

# 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.



92B8FF



F3B14A



00D6FF

# Square

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



F3B14A



00D8A1



00CBFF



FF8EDA

# Rectangle

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



F3B14A



95CD5C



00CBFF



D1A9FF



# Sweetspot

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



F3B14A



FFEAC9



F34A8E



807360



000000



808080



# Same Dimension

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



F3B14A



FFAC2B



E2F34A



7A766E



BA7100



3B2400



# Inverse Universe

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



4A8CF3



2B7EFF



5B4AF3



6E737A



0049BA



00173B



# Previews

## White Background



This preview shows how the Hex color F3B14A looks on a white background.

## Color Contrast Check

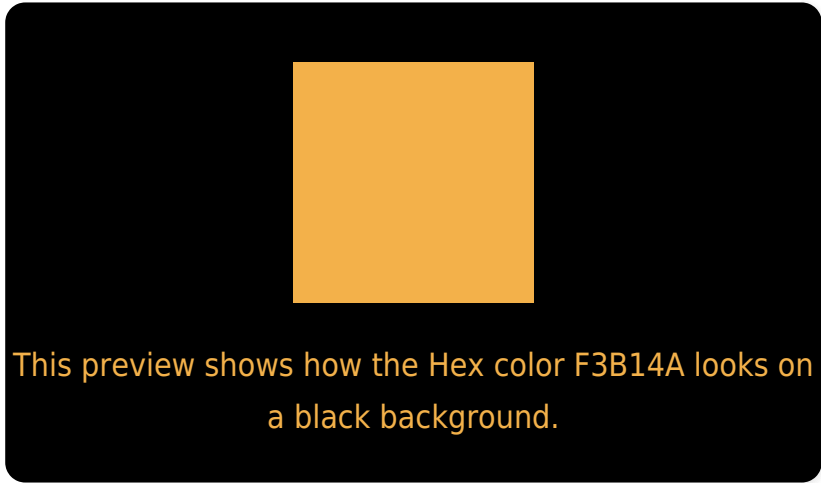
Large Text (above 18pt) WCAG AA × Fail

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 F3B14A Background



This preview shows how black text looks on a background with the Hex color F3B14A.



This preview shows how white text looks on a background with the Hex color F3B14A.

# 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**  
F3B14A

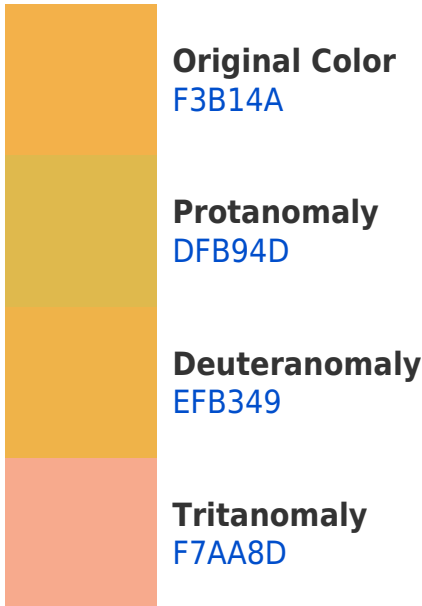
**Protanopia**  
D3BE4E

**Deuteranopia**  
ECB449



**Tritanopia**  
FAA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F3B14A 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 #F3B14A looks like.

```
.text, #text, p{  
    color:#F3B14A  
}
```

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 #F3B14A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3B14A
}
```

## Border

The CSS property to change the border of an element to Hex F3B14A 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
#F3B14A }
```

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

```
.border{ border-color:#F3B14A }
```

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

Here you see how a box with a 4 pixel #F3B14A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3B14A; -webkit-box-shadow:4px 4px  
4px 4px #F3B14A; box-shadow:4px 4px 4px  
4px #F3B14A }
```

# Background

The CSS property to change the background color of an element to Hex F3B14A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3B14A }
```

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

```
.background{ background-color:#F3B14A }
```

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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