

# Converting Colors

Hex(F7AF3B)

Have a look what the booklet for  
Hex(F7AF3B) contains.

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# **Color**

**Hex(F7AF3B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7AF3B
RGB	247, 175, 59
RGB Percent	97%, 69%, 23%
CMY	0.0314, 0.3137, 0.7686
CMYK	0.00, 0.29, 0.76, 0.03
HSL	37°, 92%, 60%
HSV	37°, 76%, 97%
XYZ	54.4772, 50.7499, 11.0621
YIQ	183.3040, 80.1480, -20.8120

# Conversions

## Conversions Part 2

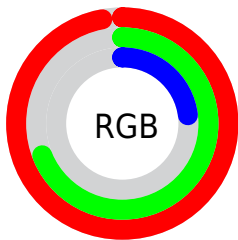
Format	Color
R <sub>Y</sub> B	176, 247, 59
Decimal	16232251
CIE Lab	76.53, 16.51, 66.21
CIE LCh	77, 68.234, 76.000
Yxy	50.7499, 0.4685, 0.4364
Android (android.graphics.Color)	4294422331 (0xFFF7AF3B)
YUV	183.3040, -61.2819, 55.8614
Hunter-Lab	71.2389, 11.8327, 40.6606

# Details

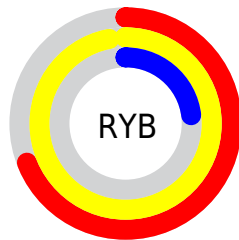
The Hex color **F7AF3B** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **3B83F7**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFE672**, and **BA7B00** is the 20% darker color. If you saturate the color by 10%, you get **F7A622**, and if you desaturate by 10%, it is **F7B854**.

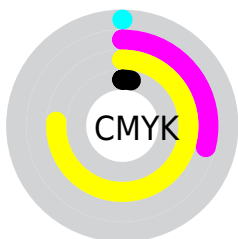
# Distribution



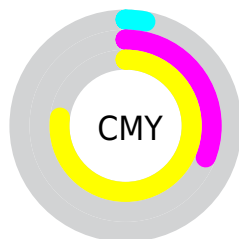
- Red (97%)
- Green (69%)
- Blue (23%)



- Red (69%)
- Yellow (97%)
- Blue (23%)



- Cyan (0%)
- Magenta (29%)
- Yellow (76%)
- Black (3%)



- Cyan (3%)
- Magenta (31%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7AF3B 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 F7AF3B by changing the saturation by 10% instead.



 F7AF3B

 F7AF3B

FFFFFF

 D8941C

 FFE672

 BA7B00

 FFFF8D

 9C6200

 FFFFA9

 7F4A00

 FFFFC5

 613300

 FFFFEE

 461E00

 2C0900

 040000

 000000

 F7AF3B

 F7AF3B

 F7A622

 F7B854

 F79C0A

 F7C26C

 F79800

 F7CB85

 F7D59E

 F7DEB6

 F7E8CF

 F7F1E8

 F7FBFF

 F7FFFF

# Harmonies

## Analogous

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



FF9664



F7AF3B



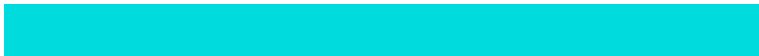
BEC438

# Triad

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



F7AF3B



00DBDE



EB9EFF

# Complementary

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



F7AF3B



3B83F7

# 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.



87B8FF



F7AF3B



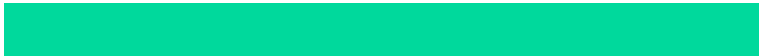
00D8FF

# Square

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



F7AF3B



00D99C



00CCFF



FF87DD

# Rectangle

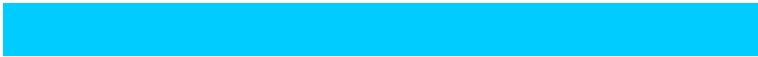
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F7AF3B



90CE50



00CCFF



D0A7FF



# Sweetspot

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



F7AF3B



FFE9C4



F73B83



80725C



000000



808080



# Same Dimension

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



F7AF3B



FFA617



E1F73B



7A766E



BA7300



3B2400



# Inverse Universe

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



3B83F7



1770FF



513BF7



6E737A



0047BA



00163B



# Previews

## White Background



This preview shows how the Hex color F7AF3B looks on a white background.

## Color Contrast Check

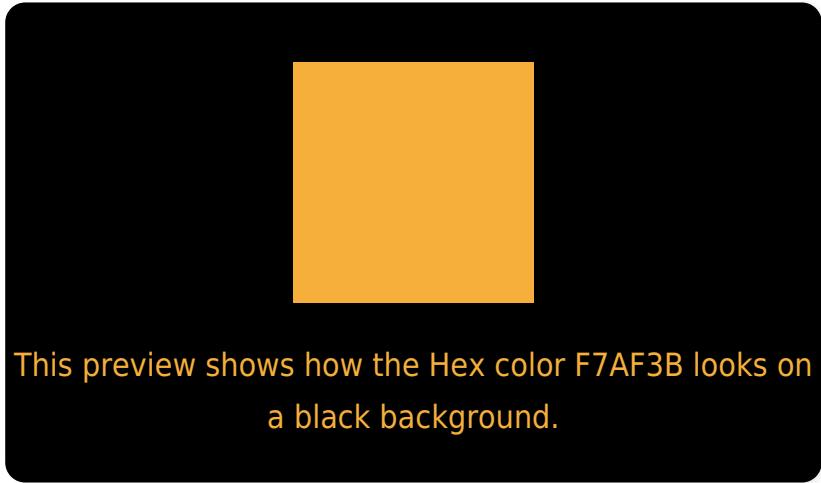
Large Text (above 18pt) WCAG AA × Fail

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 F7AF3B Background



This preview shows how black text looks on a background with the Hex color F7AF3B.

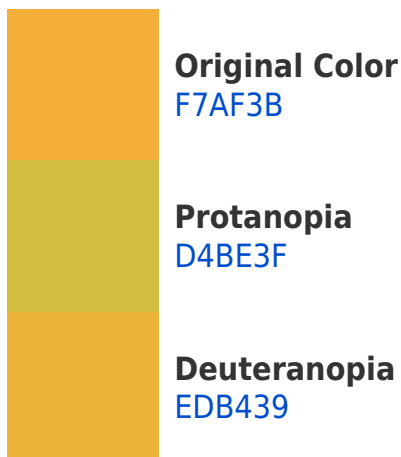


This preview shows how white text looks on a background with the Hex color F7AF3B.

# Color Blindness Simulation

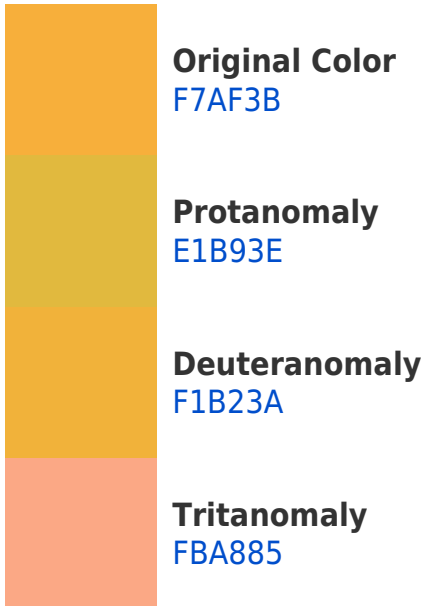
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7AF3B 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 #F7AF3B looks like.

```
.text, #text, p{  
    color:#F7AF3B  
}
```

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 #F7AF3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7AF3B
}
```

## Border

The CSS property to change the border of an element to Hex F7AF3B 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
#F7AF3B }
```

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

```
.border{ border-color:#F7AF3B }
```

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

Here you see how a box with a 4 pixel #F7AF3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7AF3B; -webkit-box-shadow:4px 4px  
4px 4px #F7AF3B; box-shadow:4px 4px 4px  
4px #F7AF3B }
```

# Background

The CSS property to change the background color of an element to Hex F7AF3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7AF3B }
```

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

```
.background{ background-color:#F7AF3B }
```

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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