

# Converting Colors

Hex(F7BA3D)

Have a look what the booklet for  
Hex(F7BA3D) contains.

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# **Color**

**Hex(F7BA3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7BA3D
RGB	247, 186, 61
RGB Percent	97%, 73%, 24%
CMY	0.0314, 0.2706, 0.7608
CMYK	0.00, 0.25, 0.75, 0.03
HSL	40°, 92%, 60%
HSV	40°, 75%, 97%
XYZ	56.7590, 55.2289, 12.0836
YIQ	189.9890, 76.4810, -25.9430

# Conversions

## Conversions Part 2

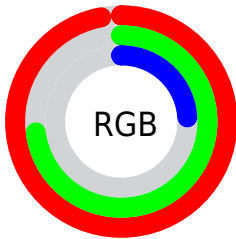
Format	Color
<b>RYB</b>	152, 247, 61
Decimal	16235069
CIELab	79.17, 10.82, 67.98
CIELCh	79, 68.836, 80.953
Yxy	55.2289, 0.4575, 0.4451
Android (android.graphics.Color)	4294425149 (0xFFF7BA3D)
YUV	189.9890, -63.5916, 49.9986
Hunter-Lab	74.3161, 6.2762, 42.3809

# Details

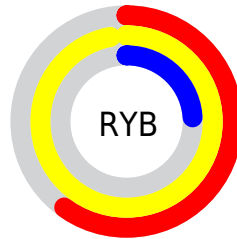
The Hex color **F7BA3D** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **3D7AF7**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFF274**, and **BA8500** is the 20% darker color. If you saturate the color by 10%, you get **F7B224**, and if you desaturate by 10%, it is **F7C256**.

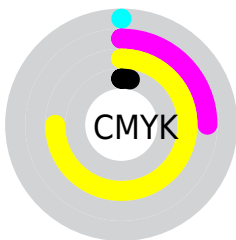
# Distribution



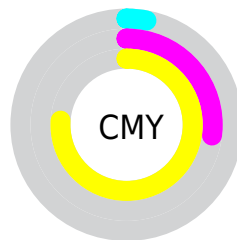
- Red (97%)
- Green (73%)
- Blue (24%)



- Red (60%)
- Yellow (97%)
- Blue (24%)



- Cyan (0%)
- Magenta (25%)
- Yellow (75%)
- Black (3%)



- Cyan (3%)
- Magenta (27%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7BA3D 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 F7BA3D by changing the saturation by 10% instead.



 F7BA3D

 F7BA3D

FFFFFF

 D89F1E

 FFF274

 BA8500

 FFFF90

 9C6C00

 FFFFAC

 7F5400

 FFFFC9

 623D00

 FFFFEE

 472700

 2D1300

 110000

 000000

 F7BA3D

 F7BA3D

 F7B224

 F7C256

 F7AA0C

 F7CA6E

 F7A600

 F7D287

 F7DAA0

 F7E3B9

 F7EBD1

 F7F3EA

 F7FBFF

 F7FFFF

# Harmonies

## Analogous

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



FFA162



F7BA3D



BBCE42

# Triad

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



F7BA3D



00E3F0



FFA0FF

# Complementary

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



F7BA3D



3D7AF7

# 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.



A4BBFF



F7BA3D



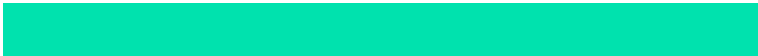
00DEFF

# Square

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



F7BA3D



00E2AE



00D1FF



FF8CDA

# Rectangle

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



F7BA3D



8AD85D



00D1FF



E6A9FF



# Sweetspot

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



F7BA3D



FFECC4



F73D7B



80745C



000000



808080



# Same Dimension

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



F7BA3D



FFB419



D8F73D



7A766E



BA7D00



3B2700



# Inverse Universe

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



3D7AF7



1965FF



5C3DF7



6E727A



003DBA



00133B



# Previews

## White Background



This preview shows how the Hex color F7BA3D looks on a white background.

## Color Contrast Check

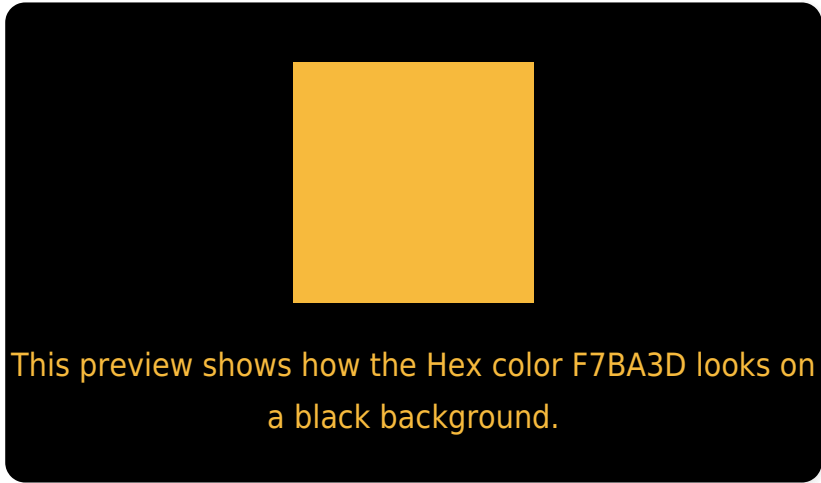
Large Text (above 18pt) WCAG AA × Fail

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 F7BA3D Background



This preview shows how black text looks on a background with the Hex color F7BA3D.

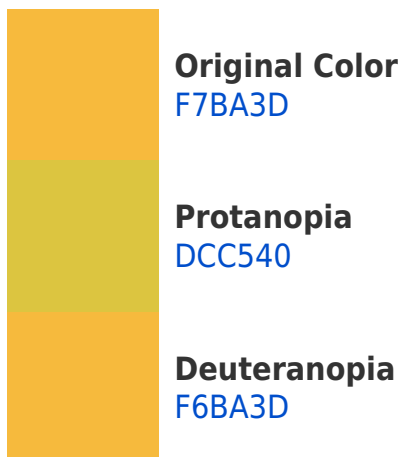


This preview shows how white text looks on a background with the Hex color F7BA3D.

# Color Blindness Simulation

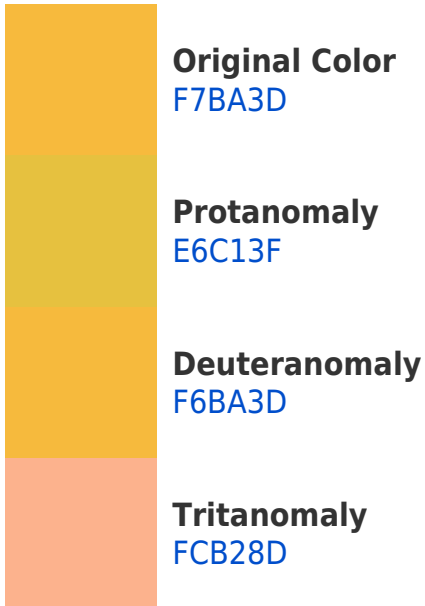
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

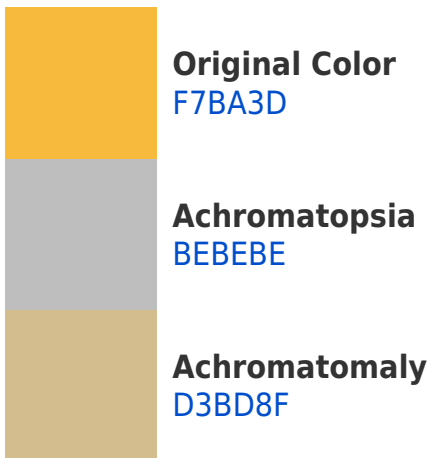




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7BA3D 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 #F7BA3D looks like.

```
.text, #text, p{  
    color:#F7BA3D  
}
```

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 #F7BA3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7BA3D
}
```

## Border

The CSS property to change the border of an element to Hex F7BA3D 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
#F7BA3D }
```

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

```
.border{ border-color:#F7BA3D }
```

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

Here you see how a box with a 4 pixel #F7BA3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7BA3D; -webkit-box-shadow:4px 4px  
4px 4px #F7BA3D; box-shadow:4px 4px 4px  
4px #F7BA3D }
```

# Background

The CSS property to change the background color of an element to Hex F7BA3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7BA3D }
```

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

```
.background{ background-color:#F7BA3D }
```

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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