

# Converting Colors

Hex(F8BF2F)

Have a look what the booklet for  
Hex(F8BF2F) contains.

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# **Color**

**Hex(F8BF2F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8BF2F
RGB	248, 191, 47
RGB Percent	97%, 75%, 18%
CMY	0.0275, 0.2510, 0.8157
CMYK	0.00, 0.23, 0.81, 0.03
HSL	43°, 93%, 58%
HSV	43°, 81%, 97%
XYZ	57.8553, 57.4233, 10.7238
YIQ	191.6270, 80.1960, -32.7000

# Conversions

## Conversions Part 2

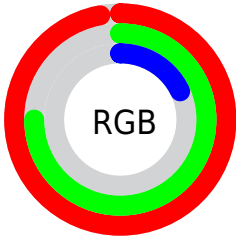
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	127, 248, 47
Decimal	16301871
CIE Lab	80.42, 8.15, 73.87
CIE LCh	80, 74.323, 83.701
Yxy	57.4233, 0.4592, 0.4557
Android (android.graphics.Color)	4294491951 (0xFFFF8BF2F)
YUV	191.6270, -71.3011, 49.4391
Hunter-Lab	75.7782, 3.6698, 44.6542

# Details

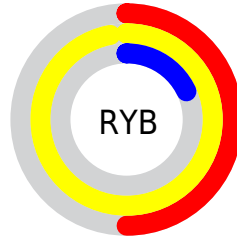
The Hex color **F8BF2F** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **2F68F8**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFF76A**, and **BB8A00** is the 20% darker color. If you saturate the color by 10%, you get **F8B816**, and if you desaturate by 10%, it is **F8C648**.

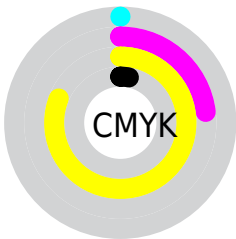
# Distribution



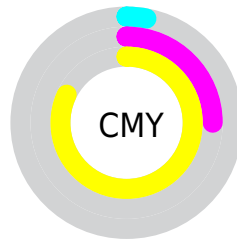
- Red (97%)
- Green (75%)
- Blue (18%)



- Red (50%)
- Yellow (97%)
- Blue (18%)



- Cyan (0%)
- Magenta (23%)
- Yellow (81%)
- Black (3%)



- Cyan (3%)
- Magenta (25%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F8BF2F 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 F8BF2F by changing the saturation by 10% instead.



 F8BF2F

 F8BF2F

FFFFFF

 D9A400

 FFF76A

 BB8A00

 FFFF86

 9D7100

 FFFFA2

 805900

 FFFFBF

 634200

 FFFFDC

 472C00

 FFFFF9

 2D1700

 140000

 000000

 F8BF2F

 F8BF2F

 F8B816

 F8C648

 F8B200

 F8CD61

 F8D479

 F8DB92

 F8E2AB

 F8E9C4

 F8F0DD

 F8F7F5

 F8FEFF

# Harmonies

## Analogous

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



FFA458



F8BF2F



B6D43B

# Triad

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



F8BF2F



00E8FD



FF9DFF

# Complementary

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



F8BF2F



2F68F8

# 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.



AEBBFF



F8BF2F



00E3FF

# Square

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



F8BF2F



00E8B6



00D4FF



FF87D9

# Rectangle

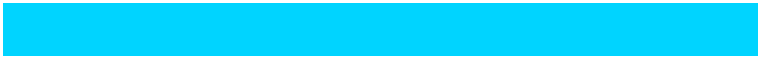
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F8BF2F



7FDE5C



00D4FF



F4A7FF



# Sweetspot

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



F8BF2F



FFEEC2



F82F6B



80755B



000000



808080



# Same Dimension

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



F8BF2F



FFB908



D0F82F



7D7970



BD8700



3D2C00



# Inverse Universe

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



2F68F8



084EFF



572FF8



70747D



0036BD



00113D



# Previews

## White Background



This preview shows how the Hex color F8BF2F looks on a white background.

## Color Contrast Check

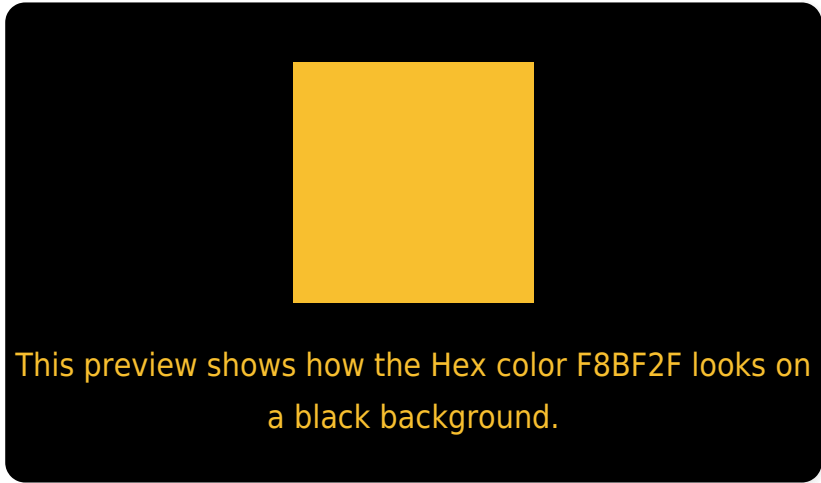
Large Text (above 18pt) WCAG AA × Fail

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 F8BF2F Background



This preview shows how black text looks on a background with the Hex color F8BF2F.



This preview shows how white text looks on a background with the Hex color F8BF2F.

# 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**  
F8BF2F

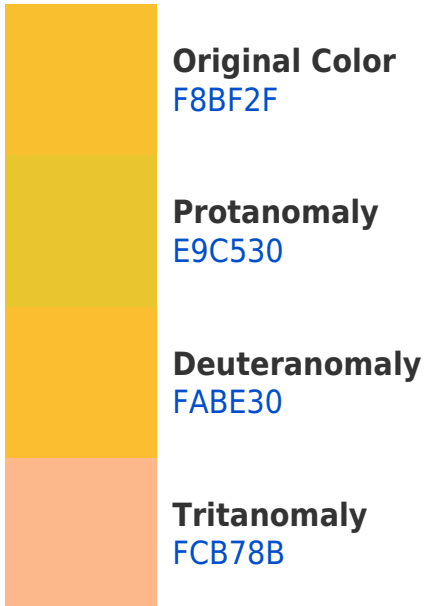
**Protanopia**  
E0C831

**Deuteranopia**  
FBBE30



**Tritanopia**  
FFB3C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F8BF2F 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 #F8BF2F looks like.

```
.text, #text, p{  
    color:#F8BF2F  
}
```

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 #F8BF2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F8BF2F
}
```

## Border

The CSS property to change the border of an element to Hex F8BF2F 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
#F8BF2F }
```

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

```
.border{ border-color:#F8BF2F }
```

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

Here you see how a box with a 4 pixel #F8BF2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F8BF2F; -webkit-box-shadow:4px 4px  
4px 4px #F8BF2F; box-shadow:4px 4px 4px  
4px #F8BF2F }
```

# Background

The CSS property to change the background color of an element to Hex F8BF2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F8BF2F }
```

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

```
.background{ background-color:#F8BF2F }
```

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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