

Converting Colors

Hex(F8C12F)

Have a look what the booklet for
Hex(F8C12F) contains.

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Color

Hex(F8C12F)

Conversions

Conversions Part 1

Format	Color
Hex	F8C12F
RGB	248, 193, 47
RGB Percent	97%, 76%, 18%
CMY	0.0275, 0.2431, 0.8157
CMYK	0.00, 0.22, 0.81, 0.03
HSL	44°, 93%, 58%
HSV	44°, 81%, 97%
XYZ	58.2945, 58.3016, 10.8702
YIQ	192.8010, 79.6460, -33.7460

Conversions

Conversions Part 2

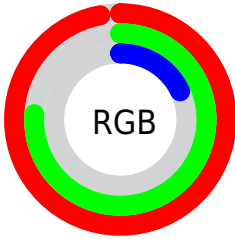
Format	Color
RYB	123, 248, 47
Decimal	16302383
CIELab	80.91, 7.12, 74.30
CIElCh	81, 74.639, 84.529
Yxy	58.3016, 0.4573, 0.4574
Android (android.graphics.Color)	4294492463 (0xFF8C12F)
YUV	192.8010, -71.8799, 48.4095
Hunter-Lab	76.3555, 2.6557, 45.0081

Details

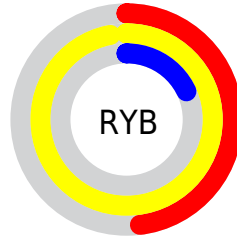
The Hex color **F8C12F** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **2F66F8**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFF96A**, and **BB8C00** is the 20% darker color. If you saturate the color by 10%, you get **F8BA16**, and if you desaturate by 10%, it is **F8C848**.

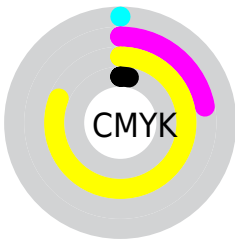
Distribution



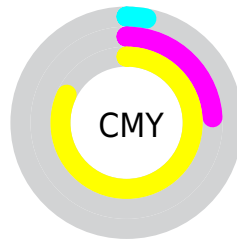
- Red (97%)
- Green (76%)
- Blue (18%)



- Red (48%)
- Yellow (97%)
- Blue (18%)



- Cyan (0%)
- Magenta (22%)
- Yellow (81%)
- Black (3%)



- Cyan (3%)
- Magenta (24%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color F8C12F 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 F8C12F by changing the saturation by 10% instead.

 F8C12F

 F8C12F

FFFFFF

 D9A600

 FFF96A

 BB8C00

 FFFF86

 9D7300

 FFFFA2

 805A00

 FFFFBF

 634300

 FFFFDC

 472D00

 FFFFFA

 2D1900

 140000

 000000

 F8C12F

 F8C12F

 F8BA16

 F8C848

 F8B400

 F8CF61

 F8D579

 F8DC92

 F8E3AB

 F8EAC4

 F8F1DD

 F8F7F5

 F8FEFF

Harmonies

Analogous

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



FFA557



F8C12F



B5D63C

Triad

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



F8C12F



00EAFB



FF9DFF

Complementary

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



F8C12F



2F66F8

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.



B3BCFF



F8C12F



00E4FF

Square

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



F8C12F



00E9B9



00D5FF



FF88D9

Rectangle

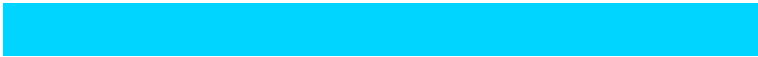
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F8C12F



7DE05F



00D5FF



F8A7FF

Sweetspot

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



F8C12F



FFEEC2



F82F68



80755B



000000



808080

Same Dimension

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



F8C12F



FFBB08



CCF82F



7D7A70



BD8900



3D2C00

Inverse Universe

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



2F66F8



084BFF



5B2FF8



70747D



0034BD



00113D

Previews

White Background



This preview shows how the Hex color F8C12F looks on a white background.

Color Contrast Check

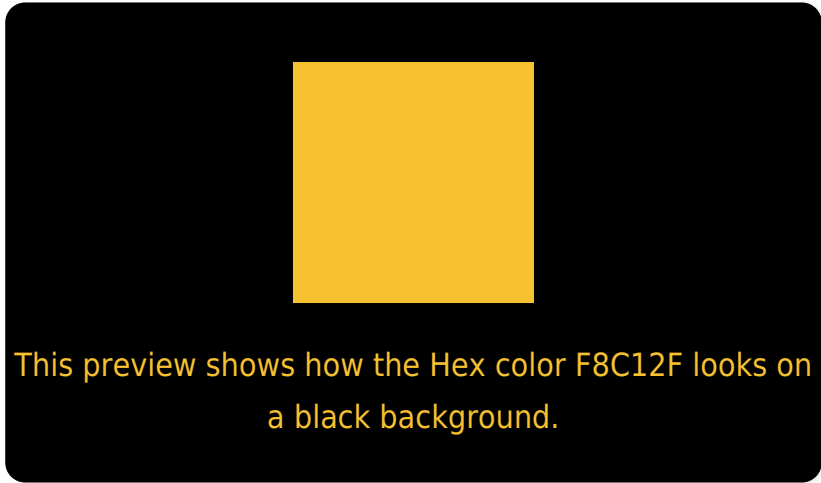
Large Text (above 18pt) WCAG AA × Fail

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 F8C12F Background



This preview shows how black text looks on a background with the Hex color F8C12F.



This preview shows how white text looks on a background with the Hex color F8C12F.

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
F8C12F

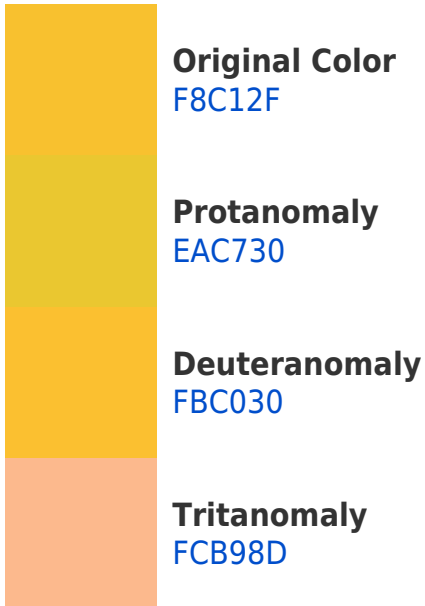
Protanopia
E2CA31

Deuteranopia
FDBF30

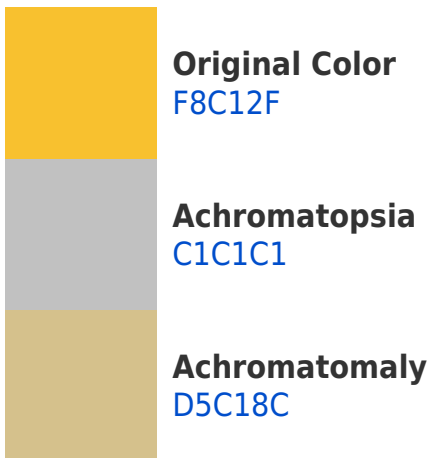


Tritanopia
FFB5C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F8C12F 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 #F8C12F looks like.

```
.text, #text, p{  
    color:#F8C12F  
}
```

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 #F8C12F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F8C12F
}
```

Border

The CSS property to change the border of an element to Hex F8C12F 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
#F8C12F }
```

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

```
.border{ border-color:#F8C12F }
```

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

Here you see how a box with a 4 pixel #F8C12F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F8C12F; -webkit-box-shadow:4px 4px  
4px 4px #F8C12F; box-shadow:4px 4px 4px  
4px #F8C12F }
```

Background

The CSS property to change the background color of an element to Hex F8C12F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F8C12F }
```

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

```
.background{ background-color:#F8C12F }
```

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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