

Converting Colors

Hex(F3C23F)

Have a look what the booklet for
Hex(F3C23F) contains.

Hex(F3C23F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F3C23F)

Conversions

Conversions Part 1

Format	Color
Hex	F3C23F
RGB	243, 194, 63
RGB Percent	95%, 76%, 25%
CMY	0.0471, 0.2392, 0.7529
CMYK	0.00, 0.20, 0.74, 0.05
HSL	44°, 88%, 60%
HSV	44°, 74%, 95%
XYZ	57.1511, 57.9971, 12.8850
YIQ	193.7170, 71.2550, -30.3530

Conversions

Conversions Part 2

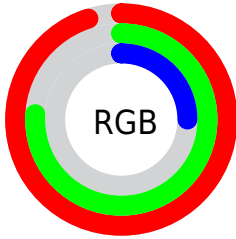
Format	Color
RYB	130, 243, 63
Decimal	15974975
CIELab	80.74, 5.05, 68.60
CIElCh	81, 68.783, 85.791
Yxy	57.9971, 0.4464, 0.4530
Android (android.graphics.Color)	4294165055 (0xFFFF3C23F)
YUV	193.7170, -64.4435, 43.2212
Hunter-Lab	76.1559, 0.6825, 43.2777

Details

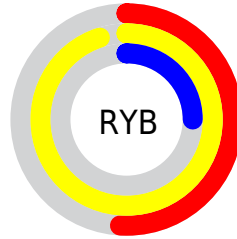
The Hex color **F3C23F** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **3F70F3**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFA77**, and **B68D00** is the 20% darker color. If you saturate the color by 10%, you get **F3BB27**, and if you desaturate by 10%, it is **F3C957**.

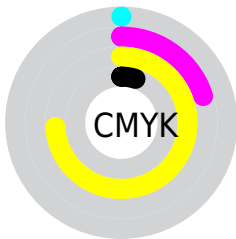
Distribution



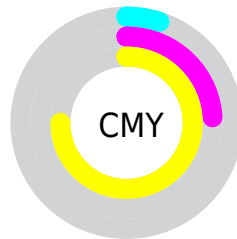
- Red (95%)
- Green (76%)
- Blue (25%)



- Red (51%)
- Yellow (95%)
- Blue (25%)



- Cyan (0%)
- Magenta (20%)
- Yellow (74%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color F3C23F 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 F3C23F by changing the saturation by 10% instead.

 F3C23F

 F3C23F

FFFFFF

 D5A71F

 FFFA77

 B68D00

 FFFF93

 997300

 FFFFAF

 7C5B00

 FFFFCB

 604400

 FFFFEB

 452E00

 2B1A00

 100000

 000000

 F3C23F

 F3C23F

 F3BB27

 F3C957

 F3B50E

 F3CF70

 F3B100

 F3D688

 F3DCA0

 F3E3B8

 F3EAD1

 F3F0E9

 F3F7FF

 F3FEFF

Harmonies

Analogous

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



FFA95E



F3C23F



B4D54C

Triad

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



F3C23F



00E7FF



FFA0FF

Complementary

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



F3C23F



3F70F3

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.



BBBBFF



F3C23F



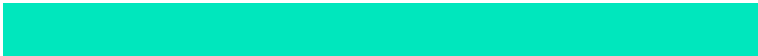
00E1FF

Square

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



F3C23F



00E7BD



00D2FF



FF8FD4

Rectangle

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



F3C23F



81DE6A



00D2FF



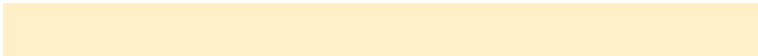
F7A9FF

Sweetspot

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



F3C23F



FFF0C7



F33F72



80765E



000000



808080

Same Dimension

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



F3C23F



FFC11C



CCF33F



7A776E



BA8700



3B2B00

Inverse Universe

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



3F70F3



1C5AFF



663FF3



6E717A



0033BA



00103B

Previews

White Background



This preview shows how the Hex color F3C23F looks on a white background.

Color Contrast Check

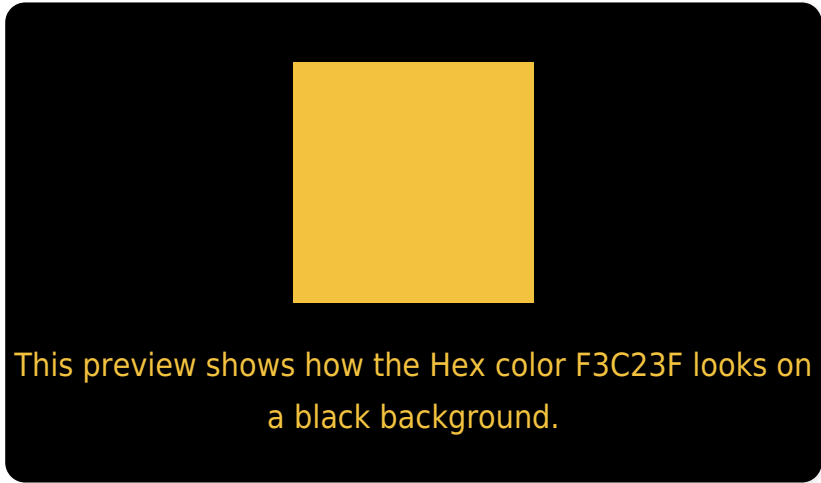
Large Text (above 18pt) WCAG AA × Fail

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 F3C23F Background



This preview shows how black text looks on a background with the Hex color F3C23F.

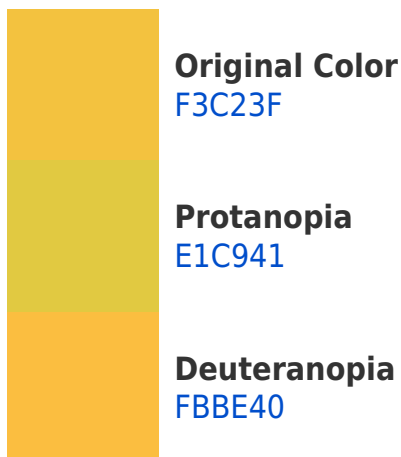


This preview shows how white text looks on a background with the Hex color F3C23F.

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](#).

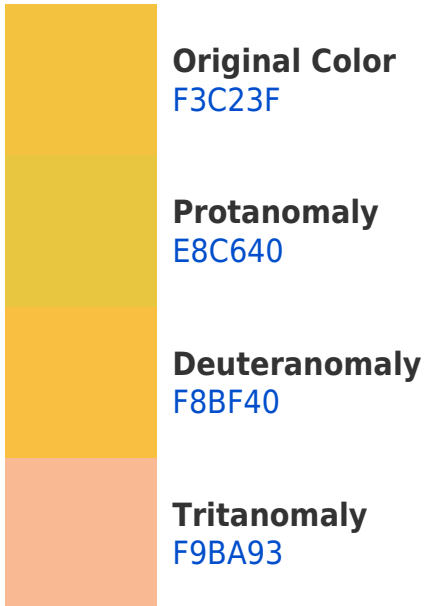
Dichromacy



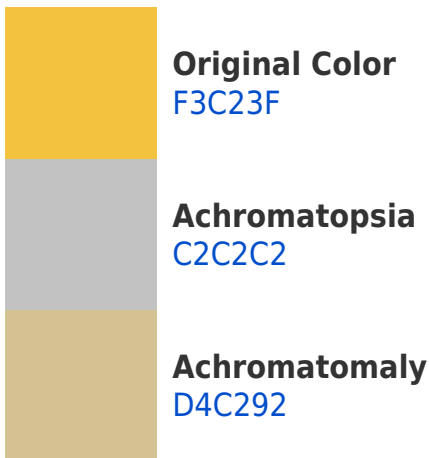


Tritanopia
FCB5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F3C23F 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 #F3C23F looks like.

```
.text, #text, p{  
    color:#F3C23F  
}
```

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 #F3C23F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3C23F
}
```

Border

The CSS property to change the border of an element to Hex F3C23F 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
#F3C23F }
```

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

```
.border{ border-color:#F3C23F }
```

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

Here you see how a box with a 4 pixel #F3C23F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3C23F; -webkit-box-shadow:4px 4px  
4px 4px #F3C23F; box-shadow:4px 4px 4px  
4px #F3C23F }
```

Background

The CSS property to change the background color of an element to Hex F3C23F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3C23F }
```

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

```
.background{ background-color:#F3C23F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor