

Converting Colors

Hex(F0CF3A)

Have a look what the booklet for
Hex(F0CF3A) contains.

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Color

Hex(F0CF3A)

Conversions

Conversions Part 1

Format	Color
Hex	F0CF3A
RGB	240, 207, 58
RGB Percent	94%, 81%, 23%
CMY	0.0588, 0.1882, 0.7725
CMYK	0.00, 0.14, 0.76, 0.06
HSL	49°, 86%, 58%
HSV	49°, 76%, 94%
XYZ	59.0117, 63.4564, 13.1410
YIQ	199.8810, 67.4970, -39.3430

Conversions

Conversions Part 2

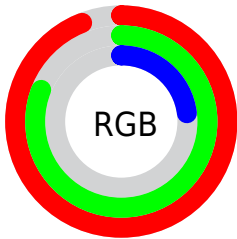
Format	Color
R _Y B	98, 240, 58
Decimal	15781690
CIE Lab	83.68, -3.11, 73.03
CIE LCh	84, 73.095, 92.441
Yxy	63.4564, 0.4352, 0.4679
Android (android.graphics.Color)	4293971770 (0xFFFF0CF3A)
YUV	199.8810, -69.9473, 35.1844
Hunter-Lab	79.6595, -7.1715, 45.9809

Details

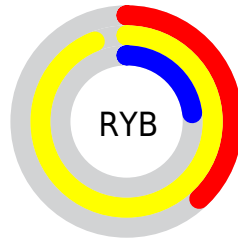
The Hex color **F0CF3A** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **3A5BF0**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFF74**, and **B49900** is the 20% darker color. If you saturate the color by 10%, you get **F0CB22**, and if you desaturate by 10%, it is **F0D352**.

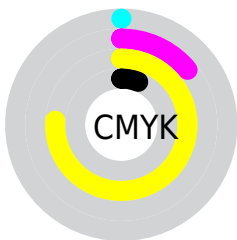
Distribution



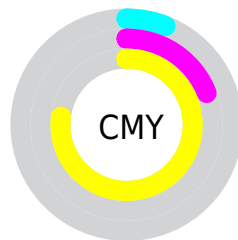
- Red (94%)
- Green (81%)
- Blue (23%)



- Red (38%)
- Yellow (94%)
- Blue (23%)



- Cyan (0%)
- Magenta (14%)
- Yellow (76%)
- Black (6%)



- Cyan (6%)
- Magenta (19%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0CF3A 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 F0CF3A by changing the saturation by 10% instead.

 F0CF3A

 F0CF3A

FFFFFF

 D2B416

 FFFF74

 B49900

 FFFF90

 967F00

 FFFFAC

 7A6700

 FFFFC9

 5E4F00

 FFFFEE

 423800

 292300

 0C0F00

 000000

 F0CF3A

 F0CF3A

 F0CB22

 F0D352

 F0C60A

 F0D86A

 F0C400

 F0DC82

 F0E09A

 F0E5B2

 F0E9CA

 F0EDE2

 F0F2FA

 F0F6FF

Harmonies

Analogous

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



FFB554



F0CF3A



AAE254

Triad

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



F0CF3A



00F1FF



FF9FFF

Complementary

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



F0CF3A



3A5BF0

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.



DABCFF



F0CF3A



00E8FF

Square

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



F0CF3A



00F2D4



2CD7FF



FF91CE

Rectangle

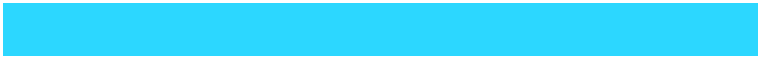
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0CF3A



6CEA78



2CD7FF



FFA8FF

Sweetspot

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



F0CF3A



FFF4C4



F03A5B



80795C



000000



808080

Same Dimension

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



F0CF3A



FFD517



B6F03A



78766C



B89600



382E00

Inverse Universe

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



3A5BF0



1741FF



743AF0



6C6E78



0021B8



000A38

Previews

White Background



This preview shows how the Hex color F0CF3A looks on a white background.

Color Contrast Check

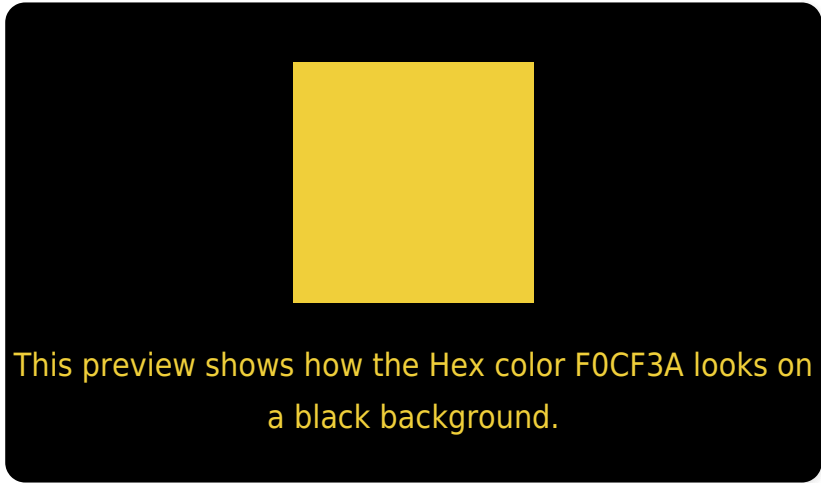
Large Text (above 18pt) WCAG AA × Fail

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 F0CF3A Background



This preview shows how black text looks on a background with the Hex color F0CF3A.

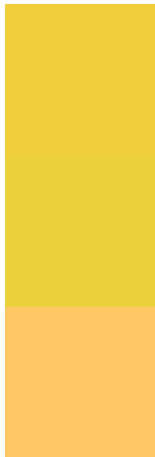


This preview shows how white text looks on a background with the Hex color F0CF3A.

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
F0CF3A

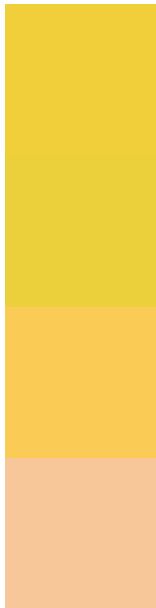
Protanopia
EAD13B

Deuteranopia
FFC864



Tritanopia
FBC1D0

Trichromacy



Original Color
F0CF3A

Protanomaly
ECD03B

Deuteranomaly
FACB55

Tritanomaly
F7C699

Monochromacy



Original Color
F0CF3A

Achromatopsia
C8C8C8

Achromatomaly
D7CB94

CSS Examples

Text

The CSS property to change the color of the text to Hex F0CF3A 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 #F0CF3A looks like.

```
.text, #text, p{  
    color:#F0CF3A  
}
```

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 #F0CF3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0CF3A
}
```

Border

The CSS property to change the border of an element to Hex F0CF3A 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
#F0CF3A }
```

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

```
.border{ border-color:#F0CF3A }
```

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

Here you see how a box with a 4 pixel #F0CF3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0CF3A; -webkit-box-shadow:4px 4px  
4px 4px #F0CF3A; box-shadow:4px 4px 4px  
4px #F0CF3A }
```

Background

The CSS property to change the background color of an element to Hex F0CF3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0CF3A }
```

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

```
.background{ background-color:#F0CF3A }
```

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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