

# Converting Colors

Hex(F2C43F)

Have a look what the booklet for  
Hex(F2C43F) contains.

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# **Color**

**Hex(F2C43F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2C43F
RGB	242, 196, 63
RGB Percent	95%, 77%, 25%
CMY	0.0510, 0.2314, 0.7529
CMYK	0.00, 0.19, 0.74, 0.05
HSL	45°, 87%, 60%
HSV	45°, 74%, 95%
XYZ	57.2551, 58.7160, 13.0183
YIQ	194.5920, 70.1090, -31.6110

# Conversions

## Conversions Part 2

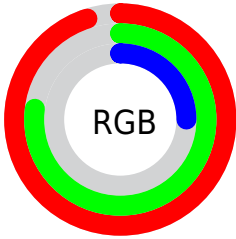
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 242, 63
Decimal	15909951
CIE <sub>Lab</sub>	81.14, 3.59, 68.95
CIE <sub>LCh</sub>	81, 69.040, 87.021
Yxy	58.7160, 0.4439, 0.4552
Android (android.graphics.Color)	4294100031 (0xFFFF2C43F)
YUV	194.5920, -64.8749, 41.5768
Hunter-Lab	76.6264, -0.7212, 43.5655

# Details

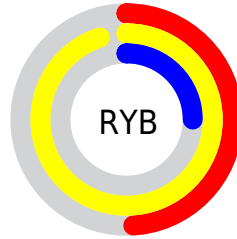
The Hex color **F2C43F** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **3F6DF2**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFC77**, and **B68F00** is the 20% darker color. If you saturate the color by 10%, you get **F2BE27**, and if you desaturate by 10%, it is **F2CA57**.

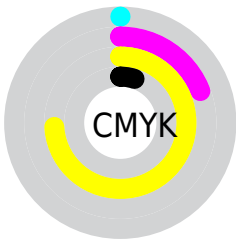
# Distribution



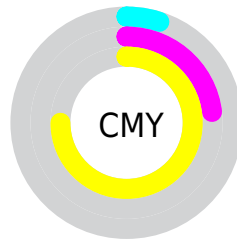
- Red (95%)
- Green (77%)
- Blue (25%)



- Red (49%)
- Yellow (95%)
- Blue (25%)



- Cyan (0%)
- Magenta (19%)
- Yellow (74%)
- Black (5%)



- Cyan (5%)
- Magenta (23%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2C43F 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 F2C43F by changing the saturation by 10% instead.



 F2C43F

 F2C43F

FFFFFF

 D4A91F

 FFFC77

 B68F00

 FFFF93

 987500

 FFFFAF

 7C5D00

 FFFFCC

 5F4600

 FFFFE9

 443000

 2A1B00

 0F0100

 000000

 F2C43F

 F2C43F

 F2BE27

 F2CA57

 F2B80F

 F2D06F

 F2B400

 F2D788

 F2DDA0

 F2E3B8

 F2E9D0

 F2F0E8

 F2F6FF

 F2FCFF

# Harmonies

## Analogous

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



FFAB5D



F2C43F



B3D74E

# Triad

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



F2C43F



00E8FF



FFA0FF

# Complementary

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



F2C43F



3F6DF2

# 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.



C0BBFF



F2C43F



00E2FF

# Square

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



F2C43F



00E9C1



00D3FF



FF8FD3

# Rectangle

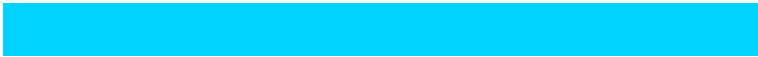
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F2C43F



7EE06D



00D3FF



FCA9FF



# Sweetspot

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



F2C43F



FFF1C7



F23F6F



80775E



000000



808080



# Same Dimension

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



F2C43F



FFC51C



C8F23F



78756C



B88800



382A00



# Inverse Universe

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



3F6DF2



1C56FF



693FF2



6C6F78



002FB8



000E38



# Previews

## White Background



This preview shows how the Hex color F2C43F looks on a white background.

## Color Contrast Check

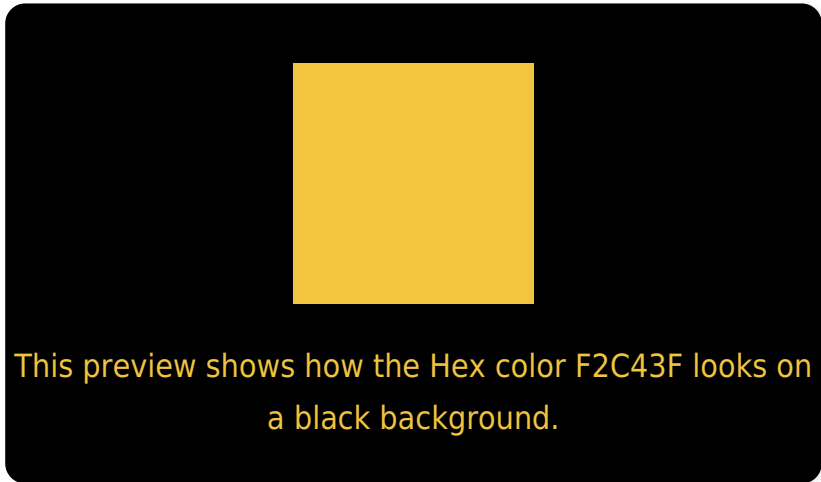
Large Text (above 18pt) WCAG AA × Fail

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 F2C43F Background



This preview shows how black text looks on a background with the Hex color F2C43F.



This preview shows how white text looks on a background with the Hex color F2C43F.

# 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**  
F2C43F

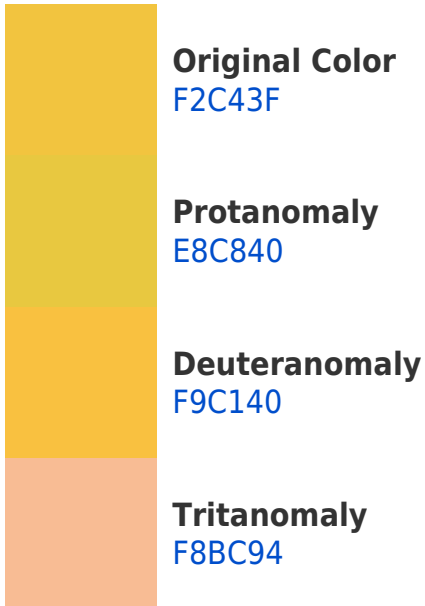
**Protanopia**  
E2CA41

**Deuteranopia**  
FDC041

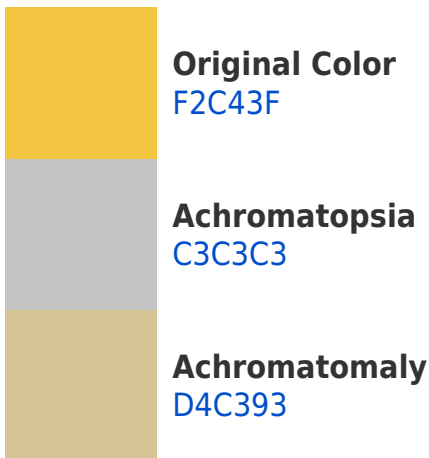


**Tritanopia**  
FCB7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2C43F 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 #F2C43F looks like.

```
.text, #text, p{  
    color:#F2C43F  
}
```

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 #F2C43F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2C43F
}
```

## Border

The CSS property to change the border of an element to Hex F2C43F 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
#F2C43F }
```

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

```
.border{ border-color:#F2C43F }
```

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

Here you see how a box with a 4 pixel #F2C43F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2C43F; -webkit-box-shadow:4px 4px  
4px 4px #F2C43F; box-shadow:4px 4px 4px  
4px #F2C43F }
```

# Background

The CSS property to change the background color of an element to Hex F2C43F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2C43F }
```

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

```
.background{ background-color:#F2C43F }
```

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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