

# Converting Colors

Hex(F5C24C)

Have a look what the booklet for  
Hex(F5C24C) contains.

<b>Hex(F5C24C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(F5C24C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5C24C
RGB	245, 194, 76
RGB Percent	96%, 76%, 30%
CMY	0.0392, 0.2392, 0.7020
CMYK	0.00, 0.21, 0.69, 0.04
HSL	42°, 89%, 63%
HSV	42°, 69%, 96%
XYZ	58.2525, 58.5179, 15.0623
YIQ	195.7970, 68.2740, -25.8860

# Conversions

## Conversions Part 2

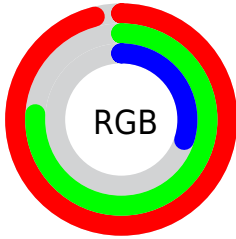
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 245, 76
Decimal	16106060
CIELab	81.03, 6.50, 63.85
CIELCh	81, 64.179, 84.189
Yxy	58.5179, 0.4419, 0.4439
Android (android.graphics.Color)	4294296140 (0xFFFF5C24C)
YUV	195.7970, -59.0599, 43.1510
Hunter-Lab	76.4970, 2.0582, 41.8736

# Details

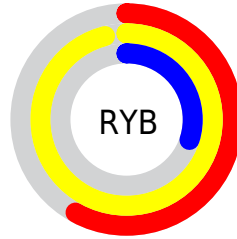
The Hex color **F5C24C** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed yellow. A complement of this color would be **4C7FF5**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFA82**, and **B98D0D** is the 20% darker color. If you saturate the color by 10%, you get **F5BB33**, and if you desaturate by 10%, it is **F5C964**.

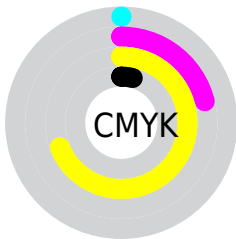
# Distribution



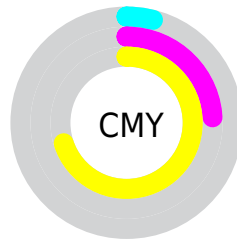
- Red (96%)
- Green (76%)
- Blue (30%)



- Red (58%)
- Yellow (96%)
- Blue (30%)



- Cyan (0%)
- Magenta (21%)
- Yellow (69%)
- Black (4%)



- Cyan (4%)
- Magenta (24%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5C24C 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 F5C24C by changing the saturation by 10% instead.



 F5C24C

 F5C24C

FFFFFF

 D7A730

 FFFA82

 B98D0D

 FFFF9E

 9B7300

 FFFFBA

 7F5B00

 FFFF7D

 624400

 FFFFF4

 472E00

 2D1900

 140000

 000000

 F5C24C

 F5C24C

 F5BB33

 F5C964

 F5B31B

 F5D17D

 F5AC02

 F5D896

 F5AB00

 F5E0AE

 F5E7C7

 F5EEDF

 F5F6F7

 F5FDFF

 F5FFFF

# Harmonies

## Analogous

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



FFAB69



F5C24C



BBD455

# Triad

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



F5C24C



00E7F9



FFA6FF

# Complementary

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



F5C24C



4C7FF5

# 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.



B9BEFF



F5C24C



00E1FF

# Square

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



F5C24C



00E6BB



00D3FF



FF95D8

# Rectangle

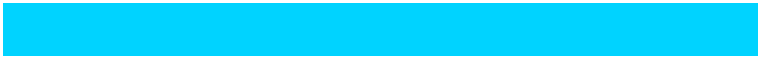
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F5C24C



8CDD6F



00D3FF



F2AEFF



# Sweetspot

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



F5C24C



FFEFC9



F54C82



807660



000000



808080



# Same Dimension

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



F5C24C



FFBF2B



D6F54C



7A776E



BA8200



3B2900



# Inverse Universe

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



4C7FF5



2B6BFF



6B4CF5



6E727A



0038BA



00123B



# Previews

## White Background



This preview shows how the Hex color F5C24C looks on a white background.

## Color Contrast Check

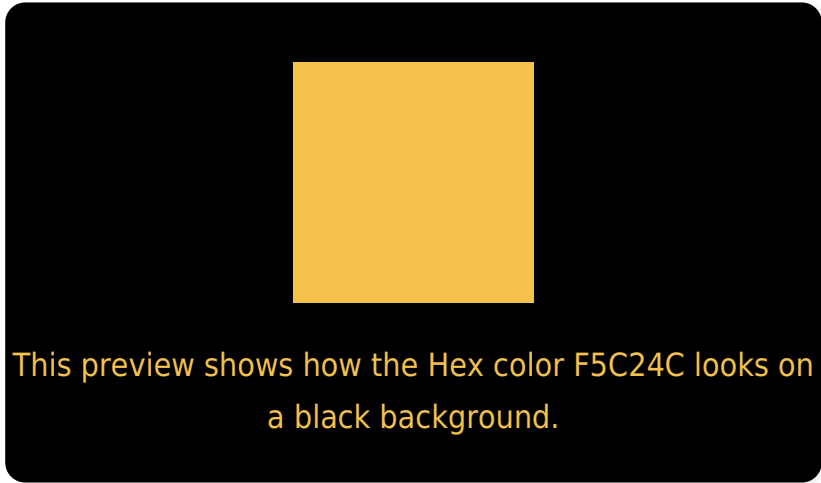
Large Text (above 18pt) WCAG AA × Fail

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 F5C24C Background



This preview shows how black text looks on a background with the Hex color F5C24C.



This preview shows how white text looks on a background with the Hex color F5C24C.

# 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**  
F5C24C

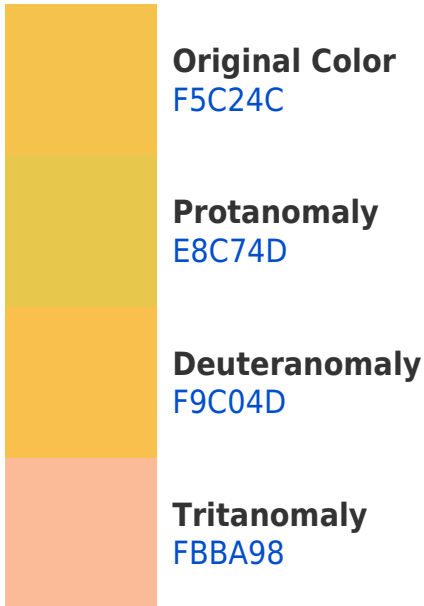
**Protanopia**  
E1CA4E

**Deuteranopia**  
FBBF4D

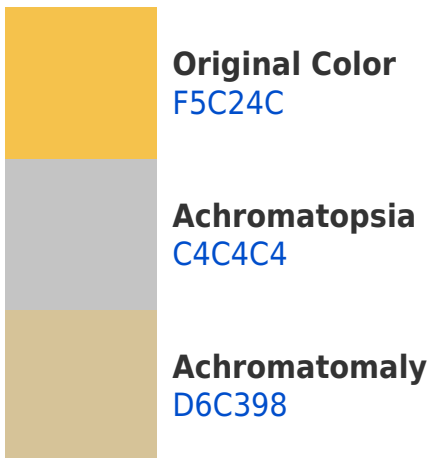


**Tritanopia**  
FEB6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5C24C 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 #F5C24C looks like.

```
.text, #text, p{  
    color:#F5C24C  
}
```

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 #F5C24C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5C24C
}
```

## Border

The CSS property to change the border of an element to Hex F5C24C 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
#F5C24C }
```

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

```
.border{ border-color:#F5C24C }
```

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

Here you see how a box with a 4 pixel #F5C24C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5C24C; -webkit-box-shadow:4px 4px  
4px 4px #F5C24C; box-shadow:4px 4px 4px  
4px #F5C24C }
```

# Background

The CSS property to change the background color of an element to Hex F5C24C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5C24C }
```

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

```
.background{ background-color:#F5C24C }
```

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