

Converting Colors

Hex(F5C71A)

Have a look what the booklet for
Hex(F5C71A) contains.

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Color

Hex(F5C71A)

Conversions

Conversions Part 1

Format	Color
Hex	F5C71A
RGB	245, 199, 26
RGB Percent	96%, 78%, 10%
CMY	0.0392, 0.2196, 0.8980
CMYK	0.00, 0.19, 0.89, 0.04
HSL	47°, 92%, 53%
HSV	47°, 89%, 96%
XYZ	58.2661, 60.3339, 9.5519
YIQ	193.0320, 82.9490, -44.0510

Conversions

Conversions Part 2

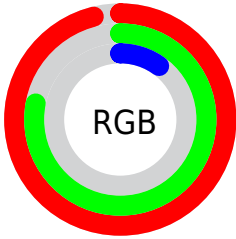
Format	Color
RYB	84, 245, 26
Decimal	16107290
CIELab	82.02, 2.25, 80.13
CIELCh	82, 80.163, 88.393
Yxy	60.3339, 0.4547, 0.4708
Android (android.graphics.Color)	4294297370 (0xFFFF5C71A)
YUV	193.0320, -82.3468, 45.5759
Hunter-Lab	77.6749, -2.0334, 47.0813

Details

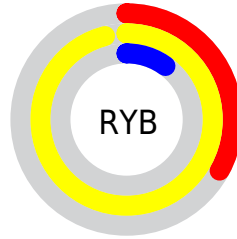
The Hex color **F5C71A** is a light color, and the websafe version is hex **FFCC33**, and the color name is **deep lemon**. The color can be described as light washed yellow. A complement of this color would be **1A48F5**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFF5E**, and **B89200** is the 20% darker color. If you saturate the color by 10%, you get **F5C201**, and if you desaturate by 10%, it is **F5CC32**.

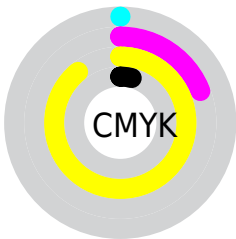
Distribution



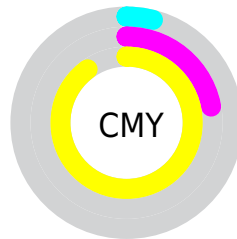
- Red (96%)
- Green (78%)
- Blue (10%)



- Red (33%)
- Yellow (96%)
- Blue (10%)



- Cyan (0%)
- Magenta (19%)
- Yellow (89%)
- Black (4%)



- Cyan (4%)
- Magenta (22%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5C71A 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 F5C71A by changing the saturation by 10% instead.

 F5C71A

 F5C71A

FFFFFF

 D6AC00

 FFFF5E

 B89200

 FFFF7B

 9A7800

 FFFF98

 7D6000

 FFFFB5

 604800

 FFFFD2

 453200

 FFFFEE

 2B1E00

 100500

 000000

 F5C71A

 F5C71A

 F5C201

 F5CC32

 F5C200

 F5D14B

 F5D663

 F5DC7C

 F5E194

 F5E6AD

 F5EBC5

 F5F0DE

 F5F5F6

Harmonies

Analogous

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



FFA949



F5C71A



ABDC37

Triad

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



F5C71A



00EFFF



FF98FF

Complementary

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



F5C71A



1A48F5

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.



C3BAFF



F5C71A



00E7FF

Square

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



F5C71A



00EFC5



00D6FF



FF82D3

Rectangle

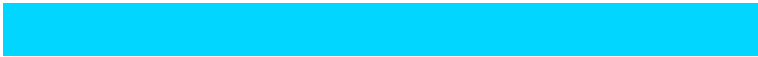
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F5C71A



69E661



00D6FF



FFA3FF

Sweetspot

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



F5C71A



FFF1BA



F51A49



807757



000000



808080

Same Dimension

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



F5C71A



FFC900



B7F51A



7A786E



BA9300



3B2E00

Inverse Universe

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



1A48F5



0036FF



581AF5



6E717A



0027BA



000C3B

Previews

White Background



This preview shows how the Hex color F5C71A looks on a white background.

Color Contrast Check

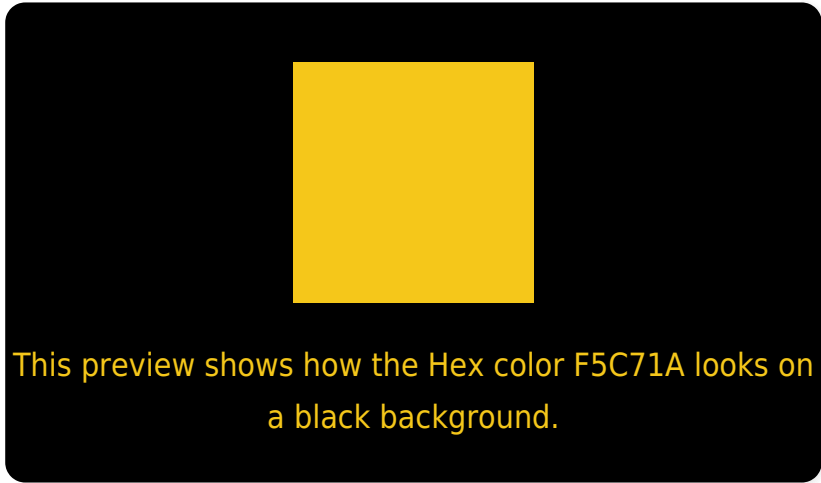
Large Text (above 18pt) WCAG AA × Fail

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 F5C71A Background



This preview shows how black text looks on a background with the Hex color F5C71A.



This preview shows how white text looks on a background with the Hex color F5C71A.

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
F5C71A

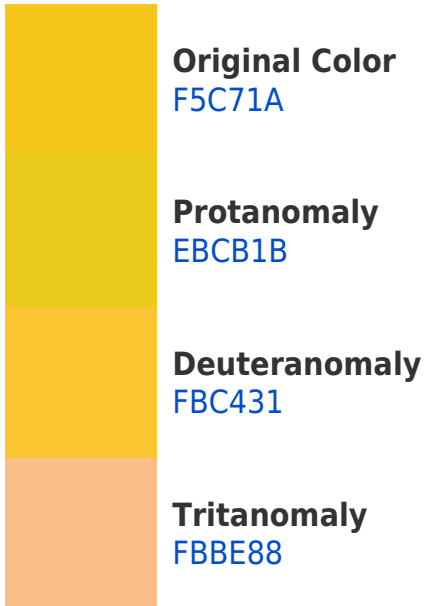
Protanopia
E6CD1C

Deuteranopia
FFC23E

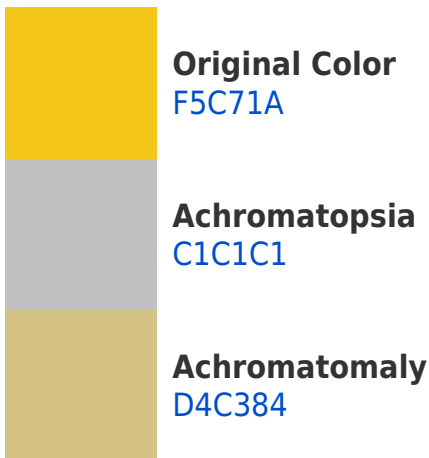


Tritanopia
FFB9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F5C71A 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 #F5C71A looks like.

```
.text, #text, p{  
    color:#F5C71A  
}
```

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 #F5C71A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5C71A
}
```

Border

The CSS property to change the border of an element to Hex F5C71A 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
#F5C71A }
```

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

```
.border{ border-color:#F5C71A }
```

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

Here you see how a box with a 4 pixel #F5C71A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5C71A; -webkit-box-shadow:4px 4px  
4px 4px #F5C71A; box-shadow:4px 4px 4px  
4px #F5C71A }
```

Background

The CSS property to change the background color of an element to Hex F5C71A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5C71A }
```

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

```
.background{ background-color:#F5C71A }
```

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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