

# Converting Colors

Hex(F0CD1E)

Have a look what the booklet for  
Hex(F0CD1E) contains.

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# **Color**

**Hex(F0CD1E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0CD1E
RGB	240, 205, 30
RGB Percent	94%, 80%, 12%
CMY	0.0588, 0.1961, 0.8824
CMYK	0.00, 0.15, 0.88, 0.06
HSL	50°, 88%, 53%
HSV	50°, 88%, 94%
XYZ	58.0008, 62.2816, 10.1929
YIQ	195.5150, 77.0350, -47.0050

# Conversions

## Conversions Part 2

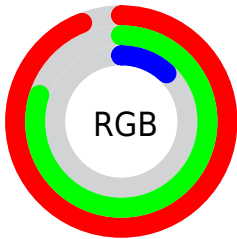
Format	Color
<a href="#">RYB</a>	72, 240, 30
Decimal	15781150
CIELab	83.06, -2.90, 79.99
CIELCh	83, 80.039, 92.073
Yxy	62.2816, 0.4445, 0.4773
Android (android.graphics.Color)	4293971230 (0xFFFF0CD1E)
YUV	195.5150, -81.5989, 39.0133
Hunter-Lab	78.9187, -6.9202, 47.5854

# Details

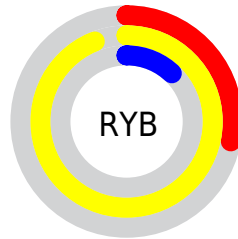
The Hex color **F0CD1E** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **1E41F0**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFF61**, and **B39700** is the 20% darker color. If you saturate the color by 10%, you get **F0C906**, and if you desaturate by 10%, it is **F0D136**.

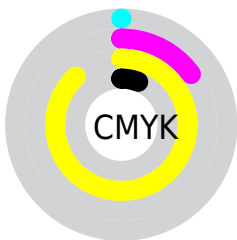
# Distribution



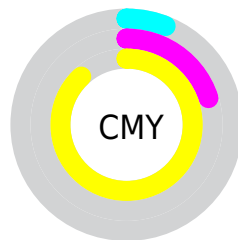
- Red (94%)
- Green (80%)
- Blue (12%)



- Red (28%)
- Yellow (94%)
- Blue (12%)



- Cyan (0%)
- Magenta (15%)
- Yellow (88%)
- Black (6%)



- Cyan (6%)
- Magenta (20%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0CD1E 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 F0CD1E by changing the saturation by 10% instead.



 F0CD1E

 F0CD1E

FFFFFF

 D1B200

 FFFF61

 B39700

 FFFF7E

 967E00

 FFFF9A

 796500

 FFFFB7

 5C4D00

 FFFFD5

 413700

 FFFFF2

 282200

 0A0D00

 000000

 F0CD1E

 F0CD1E

 F0C906

 F0D136

 F0C800

 F0D54E

 F0D966

 F0DD7E

 F0E196

 F0E5AE

 F0E9C6

 F0EDDE

 F0F1F6

# Harmonies

## Analogous

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



FFB045



F0CD1E



A4E142

# Triad

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



F0CD1E



00F1FF



FF97FF

# Complementary

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



F0CD1E



1E41F0

# 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.



D6B9FF



F0CD1E



00E9FF

# Square

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



F0CD1E



00F2D2



00D6FF



FF85CD

# Rectangle

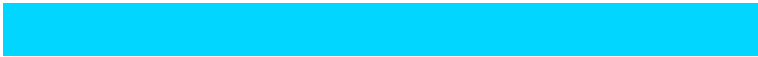
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0CD1E



5CEA6D



00D6FF



FFA2FF



# Sweetspot

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



F0CD1E



FFF4BD



F01E41



807958



000000



808080



# Same Dimension

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



F0CD1E



FFD500



AAF01E



78766C



B89900



382F00



# Inverse Universe

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



1E41F0



002BFF



641EF0



6C6E78



001FB8



000938



# Previews

## White Background



This preview shows how the Hex color F0CD1E looks on a white background.

## Color Contrast Check

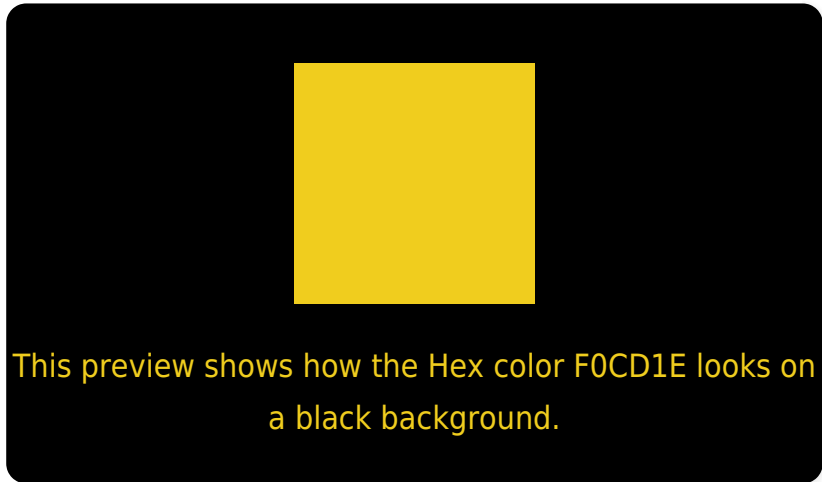
Large Text (above 18pt) WCAG AA × Fail

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 F0CD1E Background



This preview shows how black text looks on a background with the Hex color F0CD1E.

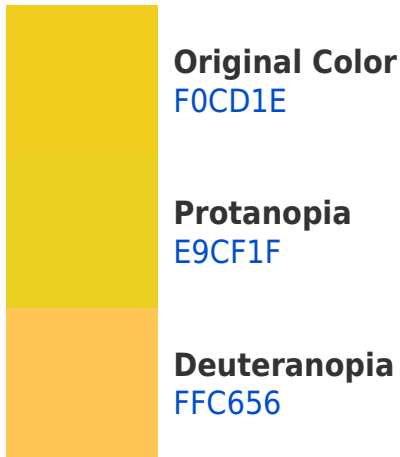


This preview shows how white text looks on a background with the Hex color F0CD1E.

# Color Blindness Simulation

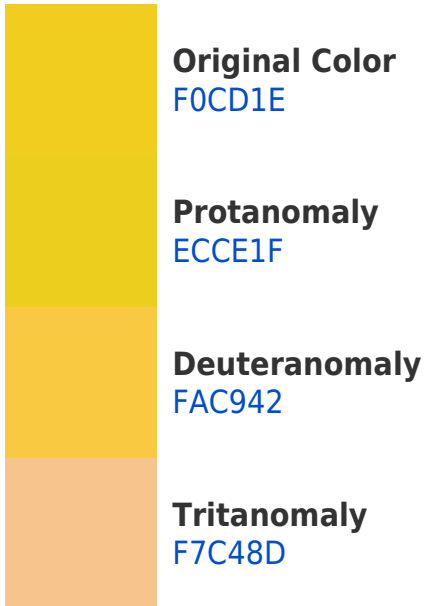
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

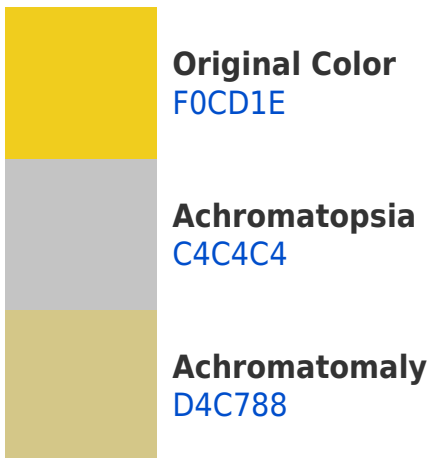




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0CD1E 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 #F0CD1E looks like.

```
.text, #text, p{  
    color:#F0CD1E  
}
```

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 #F0CD1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0CD1E
}
```

## Border

The CSS property to change the border of an element to Hex F0CD1E 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
#F0CD1E }
```

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

```
.border{ border-color:#F0CD1E }
```

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

Here you see how a box with a 4 pixel #F0CD1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0CD1E; -webkit-box-shadow:4px 4px  
4px 4px #F0CD1E; box-shadow:4px 4px 4px  
4px #F0CD1E }
```

# Background

The CSS property to change the background color of an element to Hex F0CD1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0CD1E }
```

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

```
.background{ background-color:#F0CD1E }
```

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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