

# Converting Colors

Hex(F0CF24)

Have a look what the booklet for  
Hex(F0CF24) contains.

<b>Hex(F0CF24)</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(F0CF24)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0CF24
RGB	240, 207, 36
RGB Percent	94%, 81%, 14%
CMY	0.0588, 0.1882, 0.8588
CMYK	0.00, 0.14, 0.85, 0.06
HSL	50°, 87%, 54%
HSV	50°, 85%, 94%
XYZ	58.5664, 63.2783, 10.7962
YIQ	197.3730, 74.5590, -46.1850

# Conversions

## Conversions Part 2

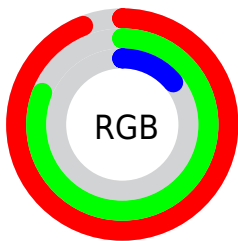
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 240, 36
Decimal	15781668
CIE <sub>Lab</sub>	83.59, -3.79, 79.14
CIE <sub>LCh</sub>	84, 79.226, 92.740
Yxy	63.2783, 0.4415, 0.4771
Android (android.graphics.Color)	4293971748 (0xFFFF0CF24)
YUV	197.3730, -79.5569, 37.3839
Hunter-Lab	79.5477, -7.7889, 47.6365

# Details

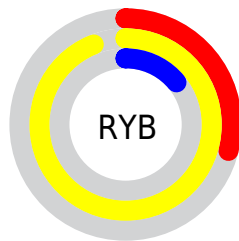
The Hex color **F0CF24** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **2445F0**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFF64**, and **B39900** is the 20% darker color. If you saturate the color by 10%, you get **F0CB0C**, and if you desaturate by 10%, it is **F0D33C**.

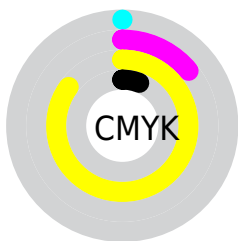
# Distribution



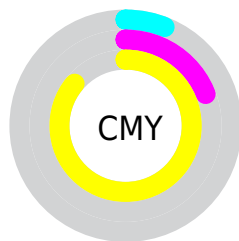
- Red (94%)
- Green (81%)
- Blue (14%)



- Red (29%)
- Yellow (94%)
- Blue (14%)



- Cyan (0%)
- Magenta (14%)
- Yellow (85%)
- Black (6%)



- Cyan (6%)
- Magenta (19%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0CF24 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 F0CF24 by changing the saturation by 10% instead.



 F0CF24

 F0CF24

FFFFFF

 D1B400

 FFFF64

 B39900

 FFFF81

 967F00

 FFFF9E

 796700

 FFFFBB

 5C4F00

 FFFFD8

 413900

 FFFFF6

 282300

 0A0F00

 000000

 F0CF24

 F0CF24

 F0CB0C

 F0D33C

 F0C900

 F0D754

 F0DB6C

 F0DF84

 F0E29C

 F0E6B4

 F0EACC

 F0EEE4

 F0F2FC

# Harmonies

## Analogous

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



FFB347



F0CF24



A4E347

# Triad

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



F0CF24



00F2FF



FF99FF

# Complementary

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



F0CF24



2445F0

# 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.



DABAFF



F0CF24



00EAFF

# Square

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



F0CF24



00F4D5



00D7FF



FF88CD

# Rectangle

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



F0CF24



5DEC71



00D7FF



FFA3FF



# Sweetspot

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



F0CF24



FFF4BD



F02446



807958



000000



808080



# Same Dimension

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



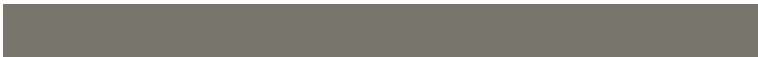
F0CF24



FFD600



ACF024



78766C



B89A00



382F00



# Inverse Universe

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



2445F0



0029FF



6824F0



6C6E78



001EB8



000938



# Previews

## White Background



This preview shows how the Hex color F0CF24 looks on a white background.

## Color Contrast Check

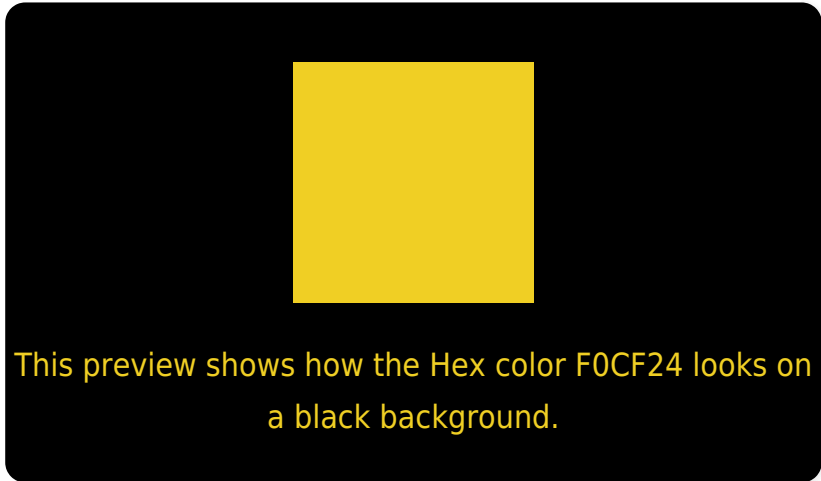
Large Text (above 18pt) WCAG AA × Fail

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 F0CF24 Background



This preview shows how black text looks on a background with the Hex color F0CF24.

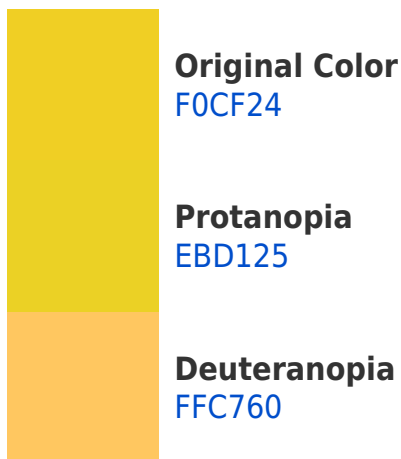


This preview shows how white text looks on a background with the Hex color F0CF24.

# 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](#).

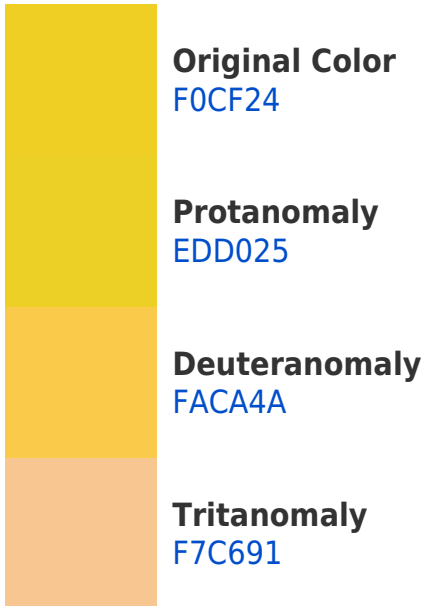
## Dichromacy



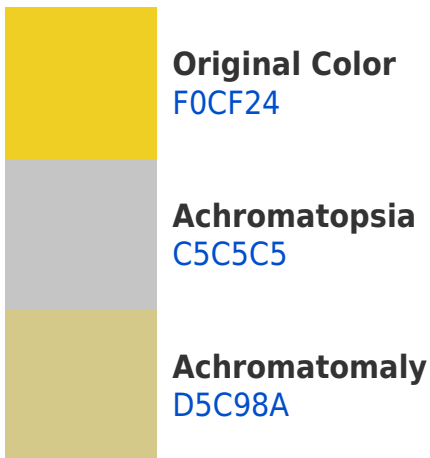


**Tritanopia**  
FBC1D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0CF24 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 #F0CF24 looks like.

```
.text, #text, p{  
    color:#F0CF24  
}
```

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 #F0CF24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0CF24
}
```

## Border

The CSS property to change the border of an element to Hex F0CF24 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
#F0CF24 }
```

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

```
.border{ border-color:#F0CF24 }
```

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

Here you see how a box with a 4 pixel #F0CF24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0CF24; -webkit-box-shadow:4px 4px  
4px 4px #F0CF24; box-shadow:4px 4px 4px  
4px #F0CF24 }
```

# Background

The CSS property to change the background color of an element to Hex F0CF24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0CF24 }
```

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

```
.background{ background-color:#F0CF24 }
```

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