

# Converting Colors

Hex(F0C92E)

Have a look what the booklet for  
Hex(F0C92E) contains.

<b>Hex(F0C92E)</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(F0C92E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0C92E
RGB	240, 201, 46
RGB Percent	94%, 79%, 18%
CMY	0.0588, 0.2118, 0.8196
CMYK	0.00, 0.16, 0.81, 0.06
HSL	48°, 87%, 56%
HSV	48°, 81%, 94%
XYZ	57.3150, 60.4958, 11.2408
YIQ	194.9910, 72.9990, -39.9370

# Conversions

## Conversions Part 2

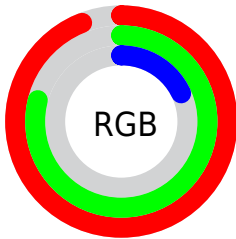
Format	Color
R <sub>Y</sub> B	95, 240, 46
Decimal	15780142
CIE Lab	82.11, -0.45, 75.33
CIE LCh	82, 75.328, 90.344
Yxy	60.4958, 0.4441, 0.4688
Android (android.graphics.Color)	4293970222 (0xFFFF0C92E)
YUV	194.9910, -73.4526, 39.4729
Hunter-Lab	77.7791, -4.5777, 45.8766

# Details

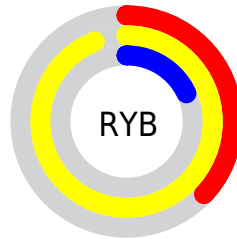
The Hex color **F0C92E** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **2E55F0**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFF6A**, and **B39300** is the 20% darker color. If you saturate the color by 10%, you get **F0C416**, and if you desaturate by 10%, it is **F0CE46**.

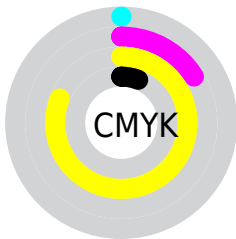
# Distribution



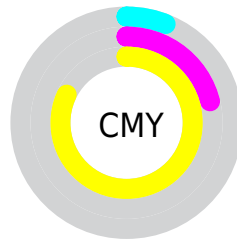
- Red (94%)
- Green (79%)
- Blue (18%)



- Red (37%)
- Yellow (94%)
- Blue (18%)



- Cyan (0%)
- Magenta (16%)
- Yellow (81%)
- Black (6%)



- Cyan (6%)
- Magenta (21%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0C92E 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 F0C92E by changing the saturation by 10% instead.



 F0C92E

 F0C92E

FFFFFF

 D1AE00

 FFFF6A

 B39300

 FFFF86

 967A00

 FFFFA3

 796100

 FFFF00

 5D4A00

 FFFFDD

 423400

 FFFF00

 281F00

 0B0800

 000000

 F0C92E

 F0C92E

 F0C416

 F0CE46

 F0C000

 F0D35E

 F0D776

 F0DC8E

 F0E1A6

 F0E6BE

 F0EBD6

 F0F0EE

 F0F4FF

# Harmonies

## Analogous

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



FFAE4F



F0C92E



A9DD47

# Triad

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



F0C92E



00EDFF



FF9BFF

# Complementary

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



F0C92E



2E55F0

# 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.



CDB9FF



F0C92E



00E5FF

# Square

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



F0C92E



00EECB



00D4FF



FF89CE

# Rectangle

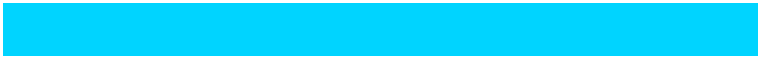
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0C92E



6BE56D



00D4FF



FFA4FF



# Sweetspot

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



F0C92E



FFF3C2



F02E58



80785B



000000



808080



# Same Dimension

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



F0C92E



FFCD08



B9F02E



78756C



B89300



382D00



# Inverse Universe

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



2E55F0



0839FF



652EF0



6C6E78



0025B8



000B38



# Previews

## White Background



This preview shows how the Hex color F0C92E looks on a white background.

## Color Contrast Check

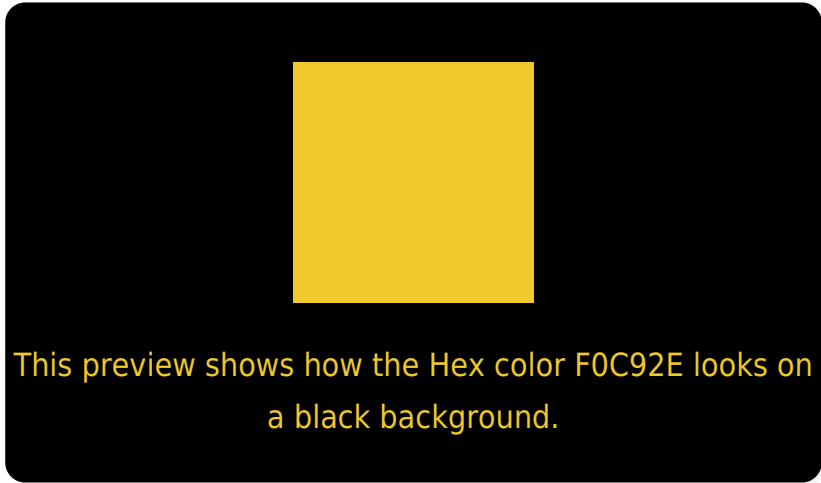
Large Text (above 18pt) WCAG AA × Fail

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 F0C92E Background



This preview shows how black text looks on a background with the Hex color F0C92E.



This preview shows how white text looks on a background with the Hex color F0C92E.

# 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



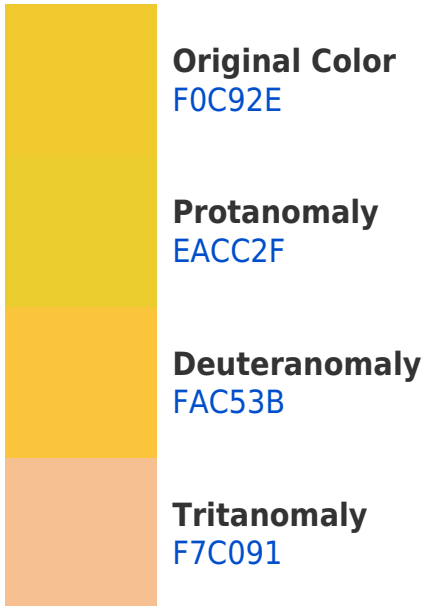
**Original Color**  
F0C92E

**Protanopia**  
E6CD2F

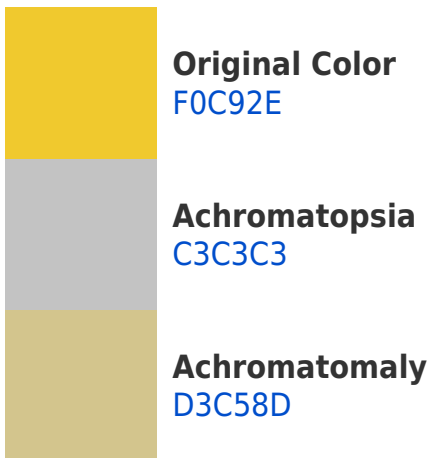
**Deuteranopia**  
FFC243



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0C92E 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 #F0C92E looks like.

```
.text, #text, p{  
    color:#F0C92E  
}
```

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 #F0C92E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0C92E
}
```

## Border

The CSS property to change the border of an element to Hex F0C92E 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
#F0C92E }
```

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

```
.border{ border-color:#F0C92E }
```

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

Here you see how a box with a 4 pixel #F0C92E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0C92E; -webkit-box-shadow:4px 4px  
4px 4px #F0C92E; box-shadow:4px 4px 4px  
4px #F0C92E }
```

# Background

The CSS property to change the background color of an element to Hex F0C92E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0C92E }
```

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

```
.background{ background-color:#F0C92E }
```

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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