

Converting Colors

Hex(F0D72E)

Have a look what the booklet for
Hex(F0D72E) contains.

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Color

Hex(F0D72E)

Conversions

Conversions Part 1

Format	Color
Hex	F0D72E
RGB	240, 215, 46
RGB Percent	94%, 84%, 18%
CMY	0.0588, 0.1569, 0.8196
CMYK	0.00, 0.10, 0.81, 0.06
HSL	52°, 87%, 56%
HSV	52°, 81%, 94%
XYZ	60.7288, 67.3234, 12.3787
YIQ	203.2090, 69.1490, -47.2590

Conversions

Conversions Part 2

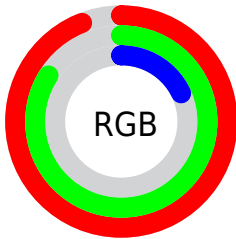
Format	Color
RYB	75, 240, 46
Decimal	15783726
CIELab	85.67, -7.57, 78.40
CIELCh	86, 78.765, 95.517
Yxy	67.3234, 0.4324, 0.4794
Android (android.graphics.Color)	4293973806 (0xFFFF0D72E)
YUV	203.2090, -77.5040, 32.2657
Hunter-Lab	82.0508, -11.4747, 48.4907

Details

The Hex color **F0D72E** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **2E47F0**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF6C**, and **B4A100** is the 20% darker color. If you saturate the color by 10%, you get **F0D416**, and if you desaturate by 10%, it is **F0DA46**.

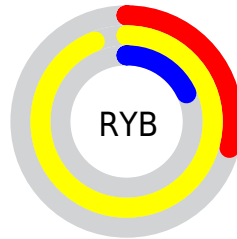
Distribution



Red (94%)

Green (84%)

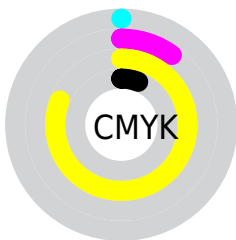
Blue (18%)



Red (29%)

Yellow (94%)

Blue (18%)

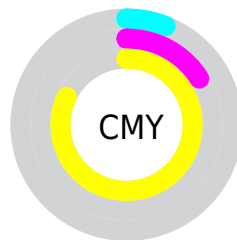


Cyan (0%)

Magenta (10%)

Yellow (81%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0D72E 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 F0D72E by changing the saturation by 10% instead.

 F0D72E

 F0D72E

FFFFFF

 D2BB00

 FFFF6C

 B4A100

 FFFF89

 968700

 FFFFA5

 7A6E00

 FFFF C2

 5D5600

 FFFF E0

 423F00

FFFFFFE

 282900

 0C1600

 000000

 F0D72E

 F0D72E

 F0D416

 F0DA46

 F0D100

 F0DD5E

 F0E076

 F0E38E

 F0E6A6

 F0EABE

 F0EDD6

 F0F0EE

 F0F3FF

Harmonies

Analogous

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



FFBC49



F0D72E



A2EA53

Triad

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



F0D72E



00F8FF



FF9DFF

Complementary

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



F0D72E



2E47F0

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.



EBBCFF



F0D72E



00EEFF

Square

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



F0D72E



00FAE2



38DAFF



FF8FCB

Rectangle

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



F0D72E



57F37D



38DAFF



FFA7FF

Sweetspot

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



F0D72E



FFF7C2



F02E48



807B5B



000000



808080

Same Dimension

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



F0D72E



FFDF08



A9F02E



78766C



B8A000



383100

Inverse Universe

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



2E47F0



0828FF



752EF0



6C6D78



0018B8



000738

Previews

White Background



This preview shows how the Hex color F0D72E 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



This preview shows how the Hex color F0D72E looks on a 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 F0D72E Background



This preview shows how black text looks on a background with the Hex color F0D72E.



This preview shows how white text looks on a background with the Hex color F0D72E.

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
F0D72E

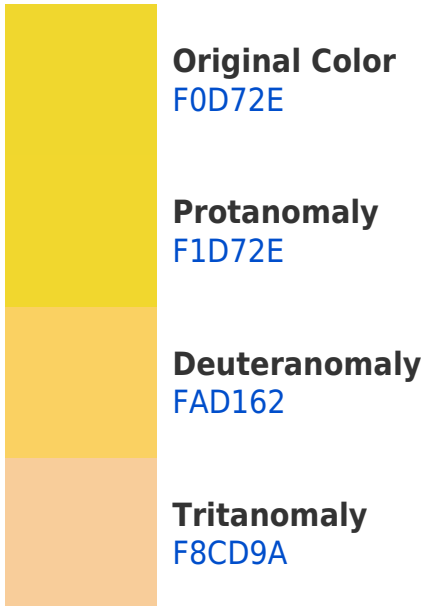
Protanopia
F1D72E

Deuteranopia
FFCE7F

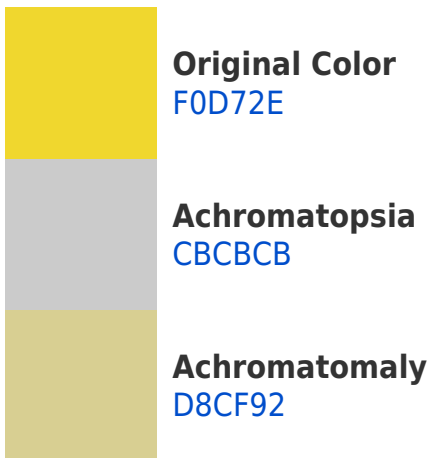


Tritanopia
FCC8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0D72E 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 #F0D72E looks like.

```
.text, #text, p{  
    color:#F0D72E  
}
```

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 #F0D72E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0D72E
}
```

Border

The CSS property to change the border of an element to Hex F0D72E 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
#F0D72E }
```

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

```
.border{ border-color:#F0D72E }
```

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

Here you see how a box with a 4 pixel #F0D72E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0D72E; -webkit-box-shadow:4px 4px  
4px 4px #F0D72E; box-shadow:4px 4px 4px  
4px #F0D72E }
```

Background

The CSS property to change the background color of an element to Hex F0D72E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0D72E }
```

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

```
.background{ background-color:#F0D72E }
```

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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