

# Converting Colors

Hex(F2D70E)

Have a look what the booklet for  
Hex(F2D70E) contains.

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# **Color**

**Hex(F2D70E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2D70E
RGB	242, 215, 14
RGB Percent	95%, 84%, 5%
CMY	0.0510, 0.1569, 0.9451
CMYK	0.00, 0.11, 0.94, 0.05
HSL	53°, 90%, 50%
HSV	53°, 94%, 95%
XYZ	60.9977, 67.5098, 10.2312
YIQ	200.1590, 80.6130, -56.7870

# Conversions

## Conversions Part 2

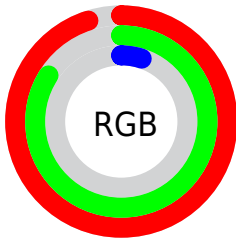
Format	Color
<b>RYB</b>	45, 242, 14
Decimal	15914766
CIELab	85.76, -7.34, 84.52
CIELCh	86, 84.842, 94.964
Yxy	67.5098, 0.4397, 0.4866
Android (android.graphics.Color)	4294104846 (0xFFFF2D70E)
YUV	200.1590, -91.7764, 36.6946
Hunter-Lab	82.1644, -11.2718, 50.1322

# Details

The Hex color **F2D70E** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **0E29F2**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFF5C**, and **B5A100** is the 20% darker color. If you saturate the color by 10%, you get **F2D500**, and if you desaturate by 10%, it is **F2DA26**.

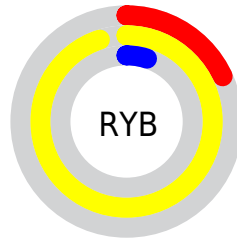
# Distribution



Red (95%)

Green (84%)

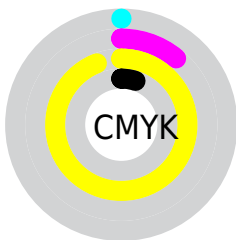
Blue (5%)



Red (18%)

Yellow (95%)

Blue (5%)

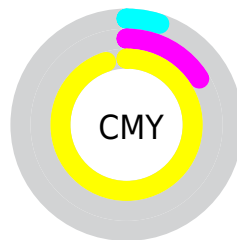


Cyan (0%)

Magenta (11%)

Yellow (94%)

Black (5%)



Cyan (5%)

Magenta (16%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2D70E 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 F2D70E by changing the saturation by 10% instead.



 F2D70E

 F2D70E

FFFFFF

 D3BB00

 FFFF5C

 B5A100

 FFFF7A

 978700

 FFFF97

 7A6E00

 FFFFB4

 5E5600

 FFFFD2

 423F00

 FFFFF0

 292900

 0D1600

 000000

 F2D70E

 F2D70E

 F2D500

 F2DA26

 F2DD3E

 F2E057

 F2E26F

 F2E587

 F2E89F

 F2EBB7

 F2EED0

 F2F1E8

# Harmonies

## Analogous

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



FFB93C



F2D70E



9EEC44

# Triad

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



F2D70E



00FAFF



FF97FF

# Complementary

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



F2D70E



0E29F2

# 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.



E9BBFF



F2D70E



00F1FF

# Square

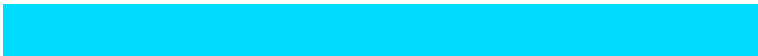
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F2D70E



00FCE2



00DCFF



FF86CC

# Rectangle

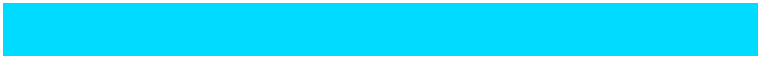
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F2D70E



47F475



00DCFF



FFA2FF



# Sweetspot

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



F2D70E



FFF7B8



F20E2C



807A54



000000



808080



# Same Dimension

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



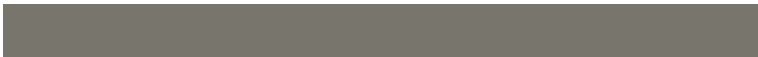
F2D70E



FFE100



9EF20E



78766C



B8A200



383100



# Inverse Universe

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



0E29F2



001EFF



620EF2



6C6D78



0016B8



000738



# Previews

## White Background



This preview shows how the Hex color F2D70E looks on a white background.

## Color Contrast Check

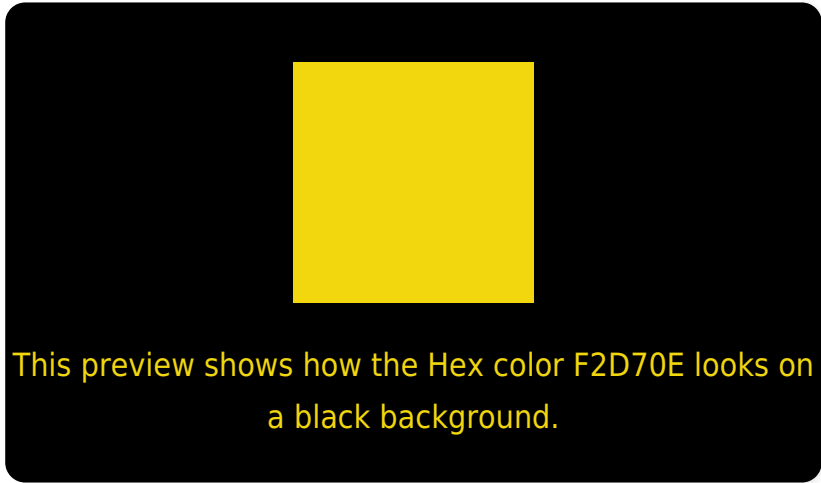
Large Text (above 18pt) WCAG AA × Fail

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 F2D70E Background



This preview shows how black text looks on a background with the Hex color F2D70E.



This preview shows how white text looks on a background with the Hex color F2D70E.

# 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**  
F2D70E

**Protanopia**  
F2D70E

**Deuteranopia**  
FFCF7F

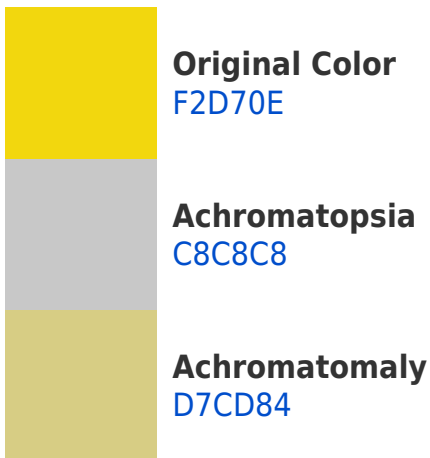


**Tritanopia**  
FEC8D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2D70E 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 #F2D70E looks like.

```
.text, #text, p{  
    color:#F2D70E  
}
```

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 #F2D70E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2D70E
}
```

## Border

The CSS property to change the border of an element to Hex F2D70E 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
#F2D70E }
```

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

```
.border{ border-color:#F2D70E }
```

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

Here you see how a box with a 4 pixel #F2D70E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2D70E; -webkit-box-shadow:4px 4px  
4px 4px #F2D70E; box-shadow:4px 4px 4px  
4px #F2D70E }
```

# Background

The CSS property to change the background color of an element to Hex F2D70E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2D70E }
```

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

```
.background{ background-color:#F2D70E }
```

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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