

Converting Colors

Hex(F2D33F)

Have a look what the booklet for
Hex(F2D33F) contains.

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Color

Hex(F2D33F)

Conversions

Conversions Part 1

Format	Color
Hex	F2D33F
RGB	242, 211, 63
RGB Percent	95%, 83%, 25%
CMY	0.0510, 0.1725, 0.7529
CMYK	0.00, 0.13, 0.74, 0.05
HSL	50°, 87%, 60%
HSV	50°, 74%, 95%
XYZ	60.8094, 65.8247, 14.2031
YIQ	203.3970, 65.9840, -39.4560

Conversions

Conversions Part 2

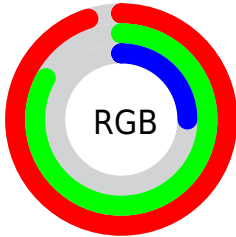
Format	Color
RYB	100, 242, 63
Decimal	15913791
CIELab	84.91, -4.11, 72.55
CIELCh	85, 72.663, 93.239
Yxy	65.8247, 0.4318, 0.4674
Android (android.graphics.Color)	4294103871 (0xFFFF2D33F)
YUV	203.3970, -69.2157, 33.8548
Hunter-Lab	81.1324, -8.1944, 46.4134

Details

The Hex color **F2D33F** 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 **3F5EF2**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF78**, and **B69D00** is the 20% darker color. If you saturate the color by 10%, you get **F2CF27**, and if you desaturate by 10%, it is **F2D757**.

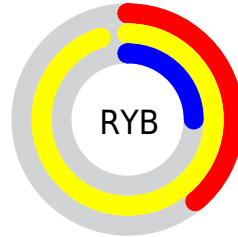
Distribution



Red (95%)

Green (83%)

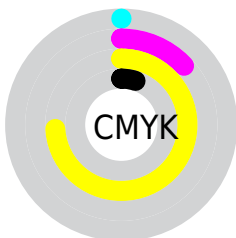
Blue (25%)



Red (39%)

Yellow (95%)

Blue (25%)

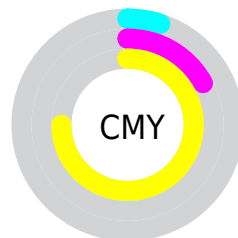


Cyan (0%)

Magenta (13%)

Yellow (74%)

Black (5%)



Cyan (5%)

Magenta (17%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color F2D33F 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 F2D33F by changing the saturation by 10% instead.

 F2D33F

 F2D33F

FFFFFF

 D4B81D

 FFFF78

 B69D00

 FFFF94

 988300

 FFFFB1

 7C6A00

 FFFFCE

 605200

 FFFFEB

 443C00

 2B2600

 101200

 000000

 F2D33F

 F2D33F

 F2CF27

 F2D757

 F2CB0F

 F2DB6F

 F2C800

 F2E088

 F2E4A0

 F2E8B8

 F2ECD0

 F2F0E8

 F2F5FF

 F2F9FF

Harmonies

Analogous

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



FFBA57



F2D33F



ABE659

Triad

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



F2D33F



00F4FF



FFA3FF

Complementary

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



F2D33F



3F5EF2

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.



E0BFFF



F2D33F



00EBFF

Square

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



F2D33F



00F5DA



43D9FF



FF95CF

Rectangle

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



F2D33F



6EEE7E



43D9FF



FFABFF

Sweetspot

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



F2D33F



FFF5C7



F23F60



807A5E



000000



808080

Same Dimension

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



F2D33F



FFD81C



B9F23F



78766C



B89800



382E00

Inverse Universe

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



3F5EF2



1C43FF



783FF2



6C6E78



0020B8



000A38

Previews

White Background



This preview shows how the Hex color F2D33F looks on a white background.

Color Contrast Check

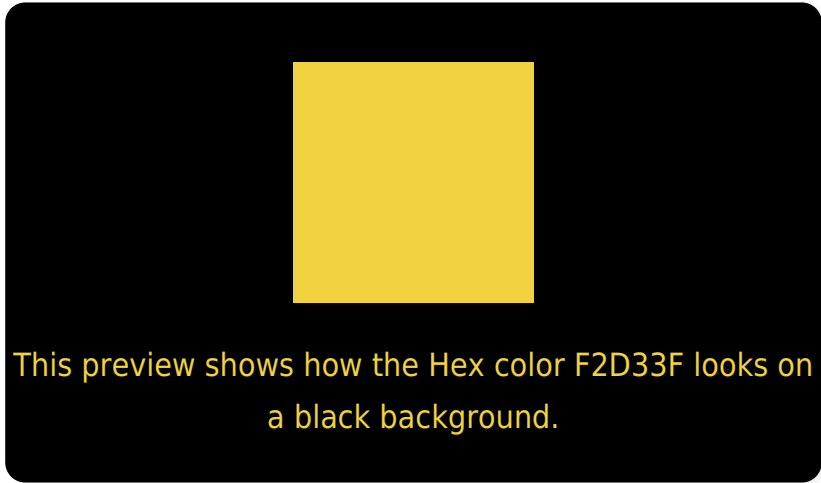
Large Text (above 18pt) WCAG AA × Fail

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 F2D33F Background



This preview shows how black text looks on a background with the Hex color F2D33F.

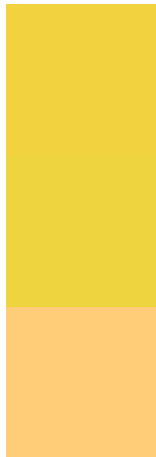


This preview shows how white text looks on a background with the Hex color F2D33F.

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

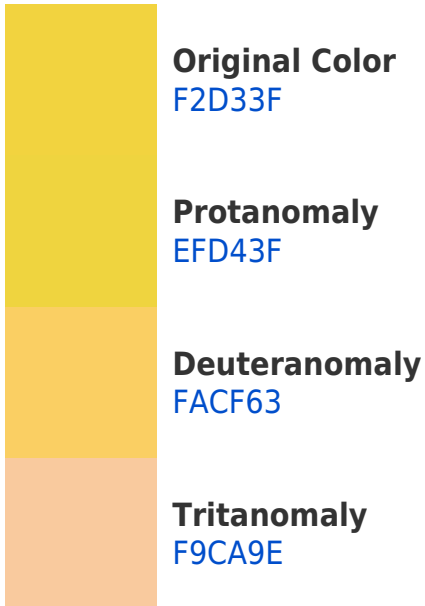


Original Color
F2D33F

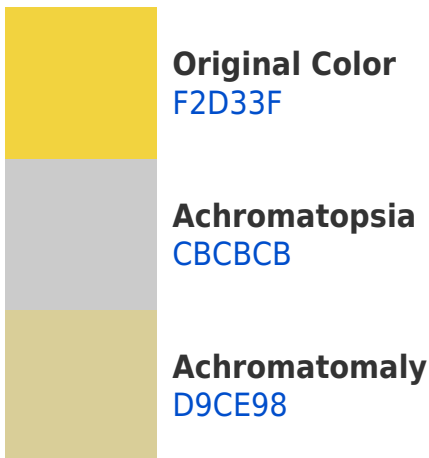
Protanopia
EED53F

Deuteranopia
FFCC77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F2D33F 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 #F2D33F looks like.

```
.text, #text, p{  
    color:#F2D33F  
}
```

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 #F2D33F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2D33F
}
```

Border

The CSS property to change the border of an element to Hex F2D33F 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
#F2D33F }
```

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

```
.border{ border-color:#F2D33F }
```

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

Here you see how a box with a 4 pixel #F2D33F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2D33F; -webkit-box-shadow:4px 4px  
4px 4px #F2D33F; box-shadow:4px 4px 4px  
4px #F2D33F }
```

Background

The CSS property to change the background color of an element to Hex F2D33F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2D33F }
```

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

```
.background{ background-color:#F2D33F }
```

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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