

Converting Colors

Hex(F2D330)

Have a look what the booklet for
Hex(F2D330) contains.

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Color

Hex(F2D330)

Conversions

Conversions Part 1

Format	Color
Hex	F2D330
RGB	242, 211, 48
RGB Percent	95%, 83%, 19%
CMY	0.0510, 0.1725, 0.8118
CMYK	0.00, 0.13, 0.80, 0.05
HSL	50°, 88%, 57%
HSV	50°, 80%, 95%
XYZ	60.4457, 65.6792, 12.2878
YIQ	201.6870, 70.7990, -44.1210

Conversions

Conversions Part 2

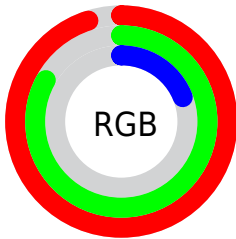
Format	Color
RYB	85, 242, 48
Decimal	15913776
CIELab	84.83, -4.65, 77.20
CIELCh	85, 77.339, 93.444
Yxy	65.6792, 0.4367, 0.4745
Android (android.graphics.Color)	4294103856 (0xFFFF2D330)
YUV	201.6870, -75.7677, 35.3545
Hunter-Lab	81.0427, -8.6904, 47.7402

Details

The Hex color **F2D330** 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 **304FF2**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFF6D**, and **B59D00** is the 20% darker color. If you saturate the color by 10%, you get **F2CF18**, and if you desaturate by 10%, it is **F2D748**.

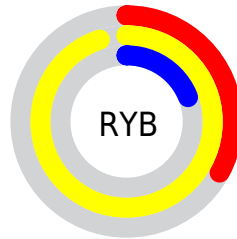
Distribution



Red (95%)

Green (83%)

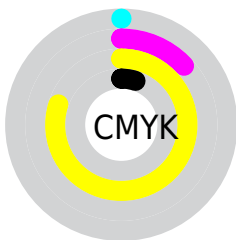
Blue (19%)



Red (33%)

Yellow (95%)

Blue (19%)

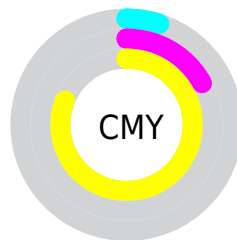


Cyan (0%)

Magenta (13%)

Yellow (80%)

Black (5%)



Cyan (5%)

Magenta (17%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color F2D330 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 F2D330 by changing the saturation by 10% instead.

 F2D330

 F2D330

FFFFFF

 D3B800

 FFFF6D

 B59D00

 FFFF89

 988300

 FFFFA6

 7B6A00

 FFFF83

 5F5200

 FFFF80

 433C00

FFFFFFE

 2A2600

 0E1200

 000000

 F2D330

 F2D330

 F2CF18

 F2D748

 F2CB00

 F2DB60

 F2DF79

 F2E291

 F2E6A9

 F2EAC1

 F2EED9

 F2F2F2

 F2F6FF

Harmonies

Analogous

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



FFB84D



F2D330



A7E750

Triad

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



F2D330



00F5FF



FF9EFF

Complementary

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



F2D330



304FF2

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.



E1BDFE



F2D330



00ECFF

Square

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



F2D330



00F7DA



10D9FF



FF8ECE

Rectangle

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



F2D330



62EF78



10D9FF



FFA8FF

Sweetspot

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



F2D330



FFF5C2



F23050



807A5B



000000



808080

Same Dimension

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



F2D330



FFD80A



B1F230



78766C



B89A00



382F00

Inverse Universe

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



304FF2



0A31FF



7130F2



6C6E78



001DB8



000938

Previews

White Background



This preview shows how the Hex color F2D330 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 F2D330 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 F2D330 Background



This preview shows how black text looks on a background with the Hex color F2D330.

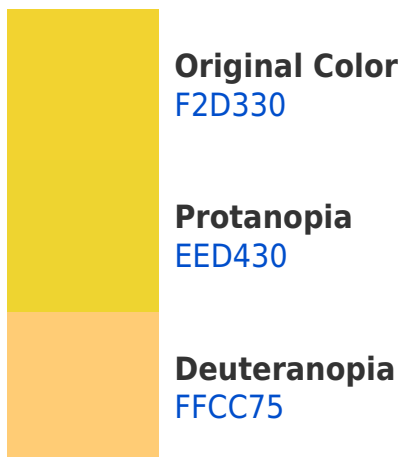


This preview shows how white text looks on a background with the Hex color F2D330.

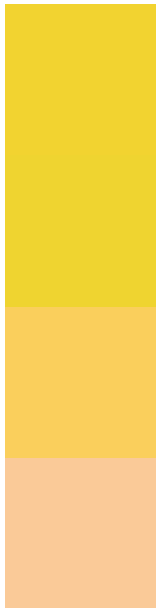
Color Blindness Simulation

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



Trichromacy



Original Color
F2D330

Protanomaly
EFD430

Deuteranomaly
FACF5C

Tritanomaly
FACA98

Monochromacy



Original Color
F2D330

Achromatopsia
CACACA

Achromatomaly
D9CD92

CSS Examples

Text

The CSS property to change the color of the text to Hex F2D330 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 #F2D330 looks like.

```
.text, #text, p{  
    color:#F2D330  
}
```

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 #F2D330 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2D330
}
```

Border

The CSS property to change the border of an element to Hex F2D330 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
#F2D330 }
```

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

```
.border{ border-color:#F2D330 }
```

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

Here you see how a box with a 4 pixel #F2D330 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2D330; -webkit-box-shadow:4px 4px  
4px 4px #F2D330; box-shadow:4px 4px 4px  
4px #F2D330 }
```

Background

The CSS property to change the background color of an element to Hex F2D330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2D330 }
```

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

```
.background{ background-color:#F2D330 }
```

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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