

Converting Colors

Hex(F3D64F)

Have a look what the booklet for
Hex(F3D64F) contains.

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Color

Hex(F3D64F)

Conversions

Conversions Part 1

Format	Color
Hex	F3D64F
RGB	243, 214, 79
RGB Percent	95%, 84%, 31%
CMY	0.0471, 0.1608, 0.6902
CMYK	0.00, 0.12, 0.67, 0.05
HSL	49°, 87%, 63%
HSV	49°, 67%, 95%
XYZ	62.4200, 67.7123, 17.1770
YIQ	207.2810, 60.6190, -35.8370

Conversions

Conversions Part 2

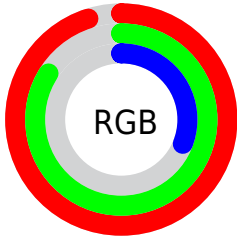
Format	Color
RYB	114, 243, 79
Decimal	15980111
CIELab	85.86, -4.45, 67.56
CIELCh	86, 67.705, 93.771
Yxy	67.7123, 0.4237, 0.4597
Android (android.graphics.Color)	4294170191 (0xFFFF3D64F)
YUV	207.2810, -63.2425, 31.3256
Hunter-Lab	82.2875, -8.6002, 45.2248

Details

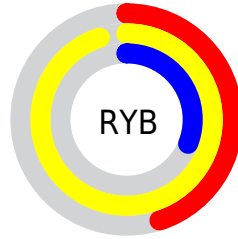
The Hex color **F3D64F** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4F6CF3**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF86**, and **B7A00C** is the 20% darker color. If you saturate the color by 10%, you get **F3D237**, and if you desaturate by 10%, it is **F3DA67**.

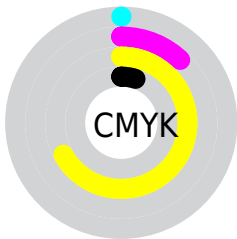
Distribution



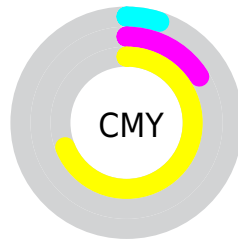
- Red (95%)
- Green (84%)
- Blue (31%)



- Red (45%)
- Yellow (95%)
- Blue (31%)



- Cyan (0%)
- Magenta (12%)
- Yellow (67%)
- Black (5%)



- Cyan (5%)
- Magenta (16%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color F3D64F 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 F3D64F by changing the saturation by 10% instead.

 F3D64F

 F3D64F

FFFFFF

 D5BA32

 FFFF86

 B7A00C

 FFFFA2

 9A8600

 FFFFBF

 7E6D00


 FFFFDC

 625500

 FFFFF9

 463E00

 2D2800

 131500

 000000

 F3D64F

 F3D64F

 F3D237

 F3DA67

 F3CD1E

 F3DF80

 F3C906

 F3E398

 F3C800

 F3E7B0

 F3EBC9

 F3F0E1

 F3F4F9

 F3F8FF

 F3FDFF

Harmonies

Analogous

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



FFBF63



F3D64F



B1E866

Triad

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



F3D64F



00F5FF



FFAAFF

Complementary

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



F3D64F



4F6CF3

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.



E5C2FF



F3D64F



00ECFF

Square

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



F3D64F



00F6DD



66DBFF



FF9ED1

Rectangle

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



F3D64F



79EF88



66DBFF



FFB1FF

Sweetspot

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



F3D64F



FFF6CC



F34F6D



807A61



000000



808080

Same Dimension

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



F3D64F



FFDA30



BFF34F



7A786E



BA9900



3B3000

Inverse Universe

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



4F6CF3



3055FF



834FF3



6E707A



0021BA



000A3B

Previews

White Background



This preview shows how the Hex color F3D64F looks on a white background.

Color Contrast Check

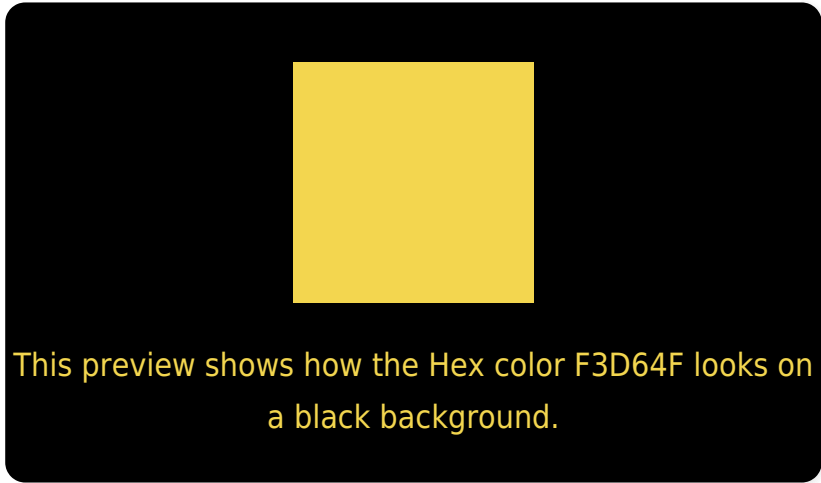
Large Text (above 18pt) WCAG AA × Fail

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 F3D64F Background



This preview shows how black text looks on a background with the Hex color F3D64F.

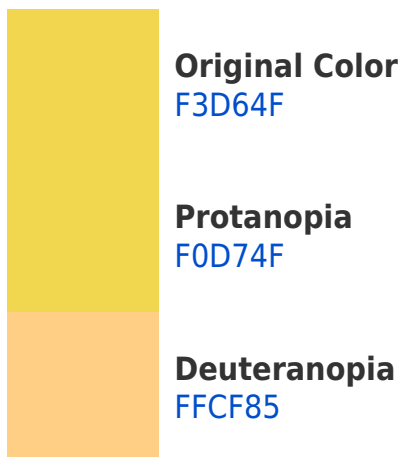


This preview shows how white text looks on a background with the Hex color F3D64F.

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](#).

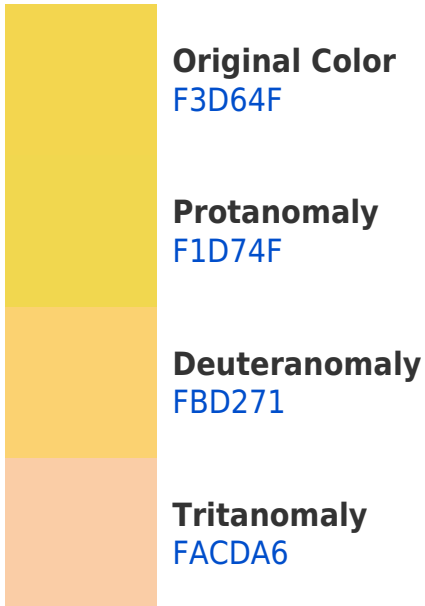
Dichromacy



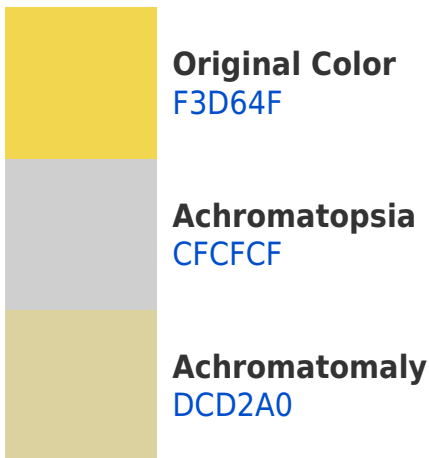


Tritanopia
FEC8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F3D64F 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 #F3D64F looks like.

```
.text, #text, p{  
    color:#F3D64F  
}
```

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 #F3D64F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3D64F
}
```

Border

The CSS property to change the border of an element to Hex F3D64F 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
#F3D64F }
```

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

```
.border{ border-color:#F3D64F }
```

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

Here you see how a box with a 4 pixel #F3D64F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3D64F; -webkit-box-shadow:4px 4px  
4px 4px #F3D64F; box-shadow:4px 4px 4px  
4px #F3D64F }
```

Background

The CSS property to change the background color of an element to Hex F3D64F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3D64F }
```

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

```
.background{ background-color:#F3D64F }
```

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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