

# Converting Colors

Hex(F3D441)

Have a look what the booklet for  
Hex(F3D441) contains.

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**Color**

**Hex(F3D441)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3D441
RGB	243, 212, 65
RGB Percent	95%, 83%, 25%
CMY	0.0471, 0.1686, 0.7451
CMYK	0.00, 0.13, 0.73, 0.05
HSL	50°, 88%, 60%
HSV	50°, 73%, 95%
XYZ	61.4598, 66.5233, 14.6020
YIQ	204.5110, 65.6630, -39.1450

# Conversions

## Conversions Part 2

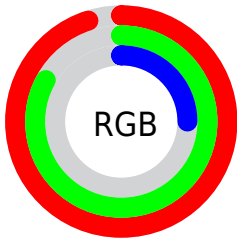
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 243, 65
Decimal	15979585
CIELab	85.26, -4.11, 72.22
CIELCh	85, 72.336, 93.256
Yxy	66.5233, 0.4310, 0.4666
Android (android.graphics.Color)	4294169665 (0xFFFF3D441)
YUV	204.5110, -68.7789, 33.7549
Hunter-Lab	81.5618, -8.2270, 46.4786

# Details

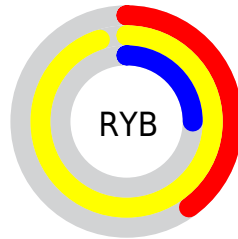
The Hex color **F3D441** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4160F3**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF7A**, and **B79E00** is the 20% darker color. If you saturate the color by 10%, you get **F3D029**, and if you desaturate by 10%, it is **F3D859**.

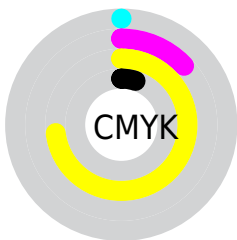
# Distribution



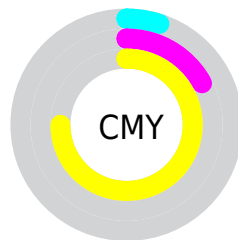
- Red (95%)
- Green (83%)
- Blue (25%)



- Red (40%)
- Yellow (95%)
- Blue (25%)



- Cyan (0%)
- Magenta (13%)
- Yellow (73%)
- Black (5%)



- Cyan (5%)
- Magenta (17%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F3D441 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 F3D441 by changing the saturation by 10% instead.



 F3D441

 F3D441

FFFFFF

 D5B920

 FFFF7A

 B79E00

 FFFF96

 998400

 FFFFB3

 7D6B00


 FFFF00

 615300

 FFFFED

 453C00

 2C2700

 111300

 000000

 F3D441

 F3D441

 F3D029

 F3D859

 F3CC10

 F3DC72

 F3C900

 F3E18A

 F3E5A2

 F3E9BA

 F3EDD3

 F3F2EB

 F3F6FF

 F3FAFF

# Harmonies

## Analogous

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



FFBB59



F3D441



ADE75B

# Triad

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



F3D441



00F5FF



FFA4FF

# Complementary

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



F3D441



4160F3

# 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.



E1C0FF



F3D441



00ECFF

# Square

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



F3D441



00F6DB



48DAFF



FF96D0

# Rectangle

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



F3D441



6FEF7F



48DAFF



FFADFF



# Sweetspot

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



F3D441



FFF5C7



F34162



807A5E



000000



808080



# Same Dimension

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



F3D441



FFD81F



BBF341



7A786E



BA9A00



3B3000



# Inverse Universe

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



4160F3



1F46FF



7941F3



6E707A



0020BA



000A3B



# Previews

## White Background



This preview shows how the Hex color F3D441 looks on a white background.

## Color Contrast Check

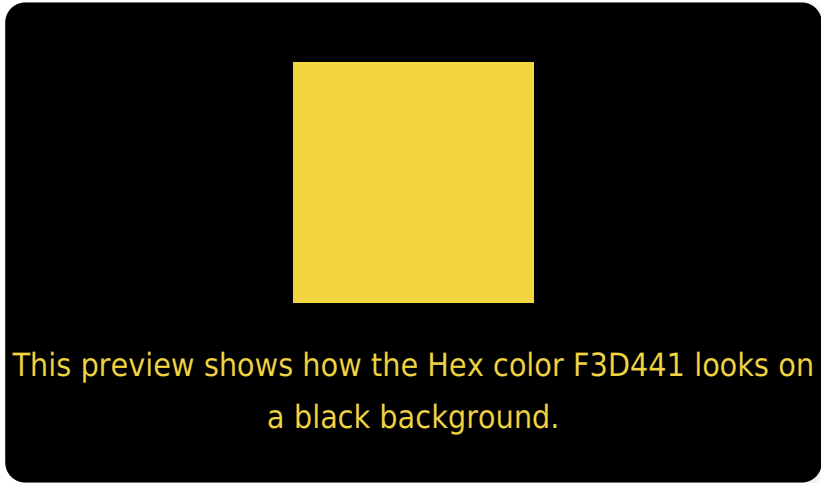
Large Text (above 18pt) WCAG AA × Fail

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 F3D441 Background



This preview shows how black text looks on a background with the Hex color F3D441.

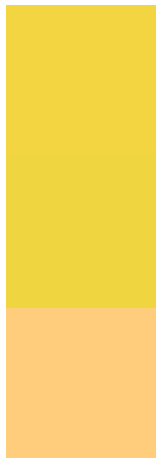


This preview shows how white text looks on a background with the Hex color F3D441.

# 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



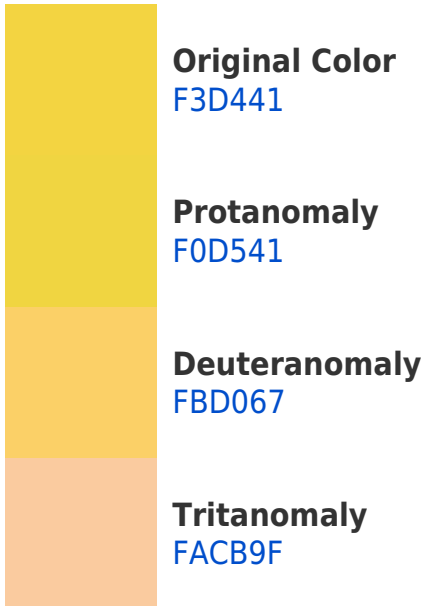
**Original Color**  
F3D441

**Protanopia**  
EFD641

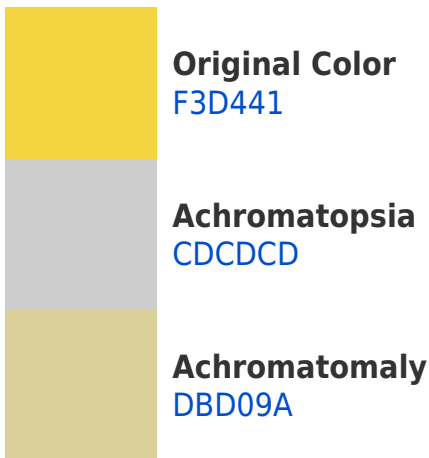
**Deuteranopia**  
FFCD7C



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F3D441 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 #F3D441 looks like.

```
.text, #text, p{  
    color:#F3D441  
}
```

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 #F3D441 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3D441
}
```

## Border

The CSS property to change the border of an element to Hex F3D441 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
#F3D441 }
```

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

```
.border{ border-color:#F3D441 }
```

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

Here you see how a box with a 4 pixel #F3D441 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3D441; -webkit-box-shadow:4px 4px  
4px 4px #F3D441; box-shadow:4px 4px 4px  
4px #F3D441 }
```

# Background

The CSS property to change the background color of an element to Hex F3D441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3D441 }
```

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

```
.background{ background-color:#F3D441 }
```

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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