

# Converting Colors

Hex(F4D378)

Have a look what the booklet for  
Hex(F4D378) contains.

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# **Color**

**Hex(F4D378)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4D378
RGB	244, 211, 120
RGB Percent	96%, 83%, 47%
CMY	0.0431, 0.1725, 0.5294
CMYK	0.00, 0.14, 0.51, 0.04
HSL	44°, 85%, 71%
HSV	44°, 51%, 96%
XYZ	63.9927, 67.1777, 27.3631
YIQ	210.4930, 48.8790, -21.3050

# Conversions

## Conversions Part 2

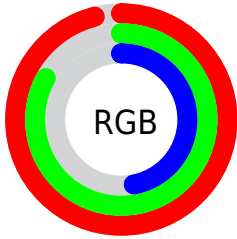
Format	Color
<a href="#">RYB</a>	165, 244, 120
Decimal	16044920
CIELab	85.59, 0.33, 48.95
CIELCh	86, 48.951, 89.620
Yxy	67.1777, 0.4037, 0.4237
Android (android.graphics.Color)	4294235000 (0xFFFF4D378)
YUV	210.4930, -44.6130, 29.3856
Hunter-Lab	81.9620, -4.0678, 37.5794

# Details

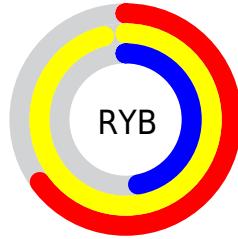
The Hex color **F4D378** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7899F4**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFAE**, and **B99D44** is the 20% darker color. If you saturate the color by 10%, you get **F4CD60**, and if you desaturate by 10%, it is **F4D990**.

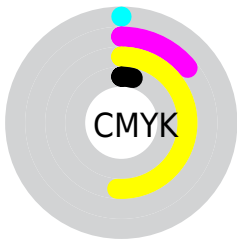
# Distribution



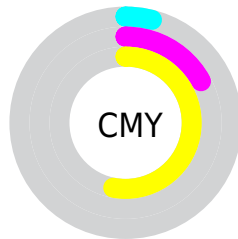
- Red (96%)
- Green (83%)
- Blue (47%)



- Red (65%)
- Yellow (96%)
- Blue (47%)



- Cyan (0%)
- Magenta (14%)
- Yellow (51%)
- Black (4%)



- Cyan (4%)
- Magenta (17%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F4D378 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 F4D378 by changing the saturation by 10% instead.



 F4D378

 F4D378

FFFFFF

 D6B75E


 FFFFAE

 B99D44

 FFFPCA

 9D832B

 FFFF66

 816A0E

 665200

 4C3B00

 322600

 191200

 000000

 F4D378

 F4D378

 F4CD60

 F4D990

 F4C647

 F4E0A9

 F4C02F

 F4E6C1

 F4B916

 F4EDDA

 F4B300

 F4F3F2

 F4FAFF

 F4FFFF

# Harmonies

## Analogous

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



F4C387



F4D378



C4E183

# Triad

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



F4D378



00EDFF



FFBAFF

# Complementary

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



F4D378



7899F4

# 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.



DACAFF



F4D378



16E7FF

# Square

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



F4D378



42EED4



8DDBFF



FFB1D8

# Rectangle

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



F4D378



A0E898



8DDBFF



FFBFFF



# Sweetspot

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



F4D378



FFF5D9



F47899



807969



000000



808080



# Same Dimension

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



F4D378



FFD663



D7F478



7A776E



BA8900



3B2B00



# Inverse Universe

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



7899F4



638DFF



9578F4



6E717A



0032BA



00103B



# Previews

## White Background



This preview shows how the Hex color F4D378 looks on a white background.

## Color Contrast Check

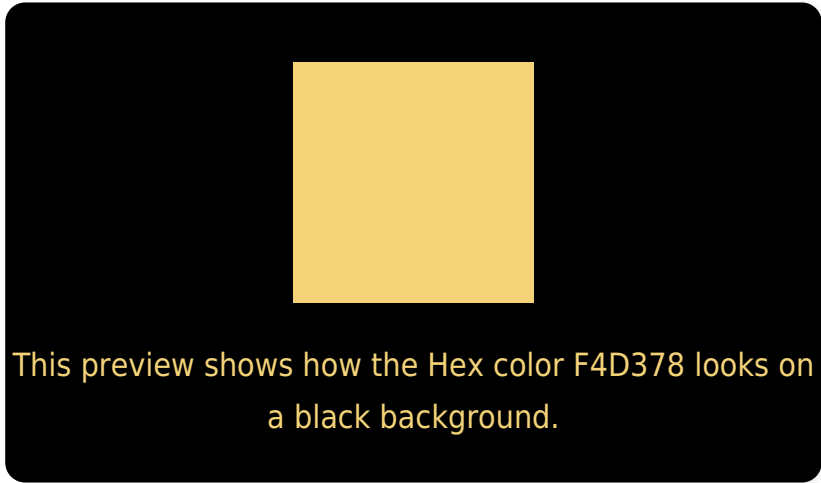
Large Text (above 18pt) WCAG AA × Fail

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 F4D378 Background



This preview shows how black text looks on a background with the Hex color F4D378.

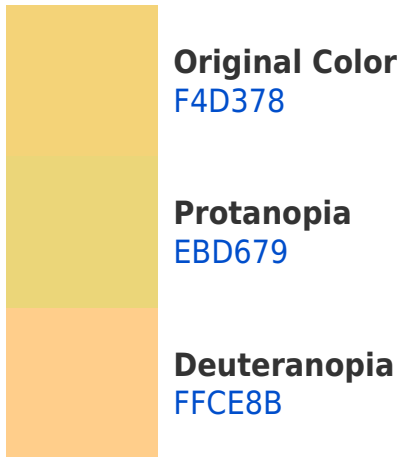


This preview shows how white text looks on a background with the Hex color F4D378.

# 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](#).

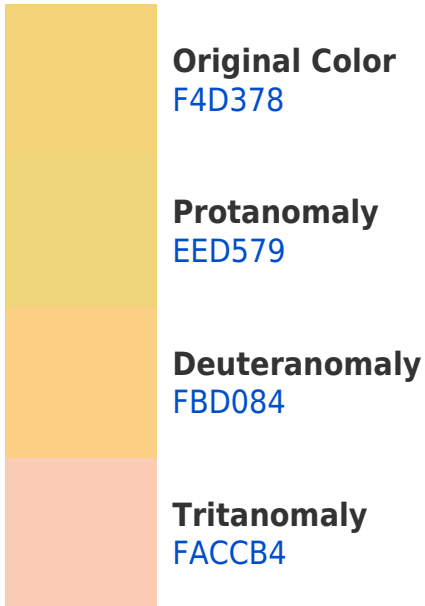
## Dichromacy





**Tritanopia**  
FDC8D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F4D378 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 #F4D378 looks like.

```
.text, #text, p{  
    color:#F4D378  
}
```

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 #F4D378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4D378
}
```

## Border

The CSS property to change the border of an element to Hex F4D378 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
#F4D378 }
```

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

```
.border{ border-color:#F4D378 }
```

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

Here you see how a box with a 4 pixel #F4D378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4D378; -webkit-box-shadow:4px 4px  
4px 4px #F4D378; box-shadow:4px 4px 4px  
4px #F4D378 }
```

# Background

The CSS property to change the background color of an element to Hex F4D378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4D378 }
```

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

```
.background{ background-color:#F4D378 }
```

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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