

# Converting Colors

Hex(F8D074)

Have a look what the booklet for  
Hex(F8D074) contains.

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**Color**

**Hex(F8D074)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8D074
RGB	248, 208, 116
RGB Percent	97%, 82%, 45%
CMY	0.0275, 0.1843, 0.5451
CMYK	0.00, 0.16, 0.53, 0.03
HSL	42°, 90%, 71%
HSV	42°, 53%, 97%
XYZ	64.4197, 66.3292, 25.9305
YIQ	209.4720, 53.3720, -20.1320

# Conversions

## Conversions Part 2

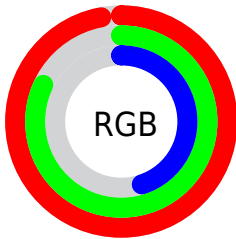
Format	Color
<a href="#">RYB</a>	<a href="#">173, 248, 116</a>
Decimal	<a href="#">16306292</a>
CIELab	<a href="#">85.16, 3.15, 50.45</a>
CIELCh	<a href="#">85, 50.550, 86.428</a>
Yxy	<a href="#">66.3292, 0.4112, 0.4233</a>
Android (android.graphics.Color)	<a href="#">4294496372</a> ( <a href="#">0xFFFF8D074</a> )
YUV	<a href="#">209.4720, -46.0817, 33.7891</a>
Hunter-Lab	<a href="#">81.4427, -1.3346, 38.1326</a>

# Details

The Hex color **F8D074** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **749CF8**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFFAA**, and **BD9A40** is the 20% darker color. If you saturate the color by 10%, you get **F8C85B**, and if you desaturate by 10%, it is **F8D88D**.

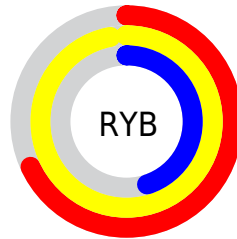
# Distribution



Red (97%)

Green (82%)

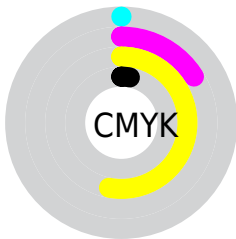
Blue (45%)



Red (68%)

Yellow (97%)

Blue (45%)

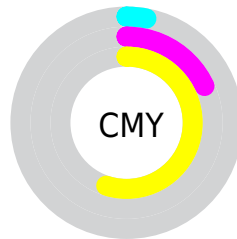


Cyan (0%)

Magenta (16%)

Yellow (53%)

Black (3%)



Cyan (3%)

Magenta (18%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F8D074 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 F8D074 by changing the saturation by 10% instead.



 F8D074

 F8D074

FFFFFF

 DAB55A

 FFFFAA

 BD9A40

 FFFFC6

 A08026

 FFFFE2

 846707

 694F00

 4E3900

 342400

 1C0F00

 000000

 F8D074

 F8D074

 F8C85B

 F8D88D

 F8C142

 F8DFA6

 F8B92A

 F8E7BE

 F8B211

 F8EED7

 F8AD00

 F8F6F0

 F8FDFF

 F8FFFF

# Harmonies

## Analogous

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



FFBF86



F8D074



C8DF7D

# Triad

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



F8D074



00EDFE



FFB9FF

# Complementary

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



F8D074



749CF8

# 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.



D1CAFF



F8D074



00E7FF

# Square

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



F8D074



41EDCD



7EDBFF



FFAFDC

# Rectangle

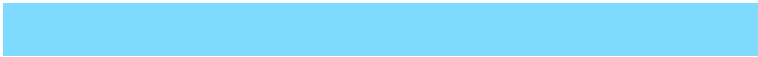
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F8D074



A3E691



7EDBFF



FBBEFF



# Sweetspot

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



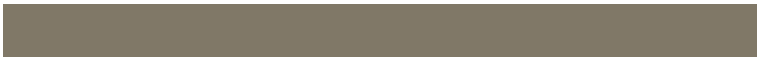
F8D074



FFF3D6



F8749E



807867



000000



808080



# Same Dimension

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



F8D074



FFCE5C



E0F874



7D7970



BD8400



3D2B00



# Inverse Universe

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



749CF8



5C8DFF



8C74F8



70747D



0039BD



00133D



# Previews

## White Background



This preview shows how the Hex color F8D074 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 F8D074 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 F8D074 Background



This preview shows how black text looks on a background with the Hex color F8D074.



This preview shows how white text looks on a background with the Hex color F8D074.

# 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**  
F8D074

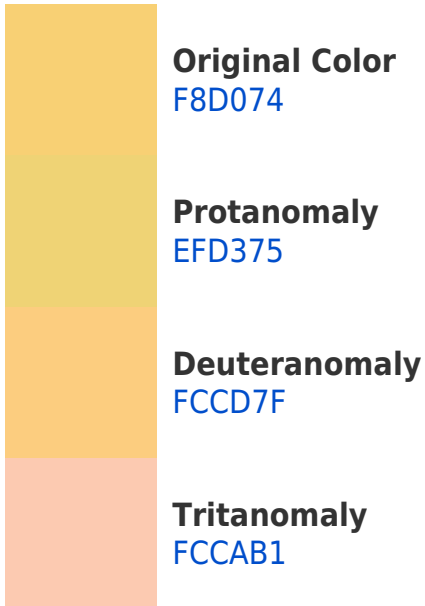
**Protanopia**  
EAD576

**Deuteranopia**  
FFCC85

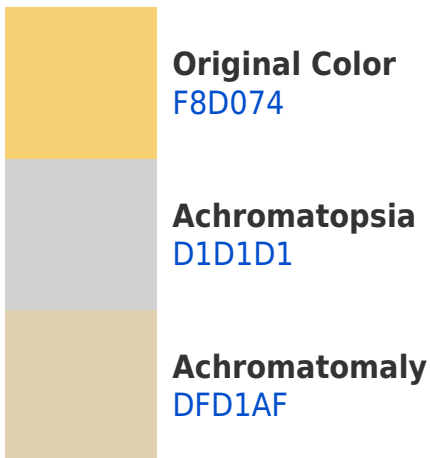


**Tritanopia**  
FFC6D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F8D074 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 #F8D074 looks like.

```
.text, #text, p{  
    color:#F8D074  
}
```

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 #F8D074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F8D074  
}
```

## Border

The CSS property to change the border of an element to Hex F8D074 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  
#F8D074 }
```

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

```
.border{ border-color:#F8D074 }
```

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

Here you see how a box with a 4 pixel #F8D074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F8D074; -webkit-box-shadow:4px 4px  
4px 4px #F8D074; box-shadow:4px 4px 4px  
4px #F8D074 }
```

# Background

The CSS property to change the background color of an element to Hex F8D074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F8D074 }
```

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

```
.background{ background-color:#F8D074 }
```

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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