

# Converting Colors

Hex(F0DD84)

Have a look what the booklet for  
Hex(F0DD84) contains.

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# **Color**

**Hex(F0DD84)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0DD84
RGB	240, 221, 132
RGB Percent	94%, 87%, 52%
CMY	0.0588, 0.1333, 0.4824
CMYK	0.00, 0.08, 0.45, 0.06
HSL	49°, 78%, 73%
HSV	49°, 45%, 94%
XYZ	65.9565, 71.9041, 32.2324
YIQ	216.5350, 39.8930, -23.6510

# Conversions

## Conversions Part 2

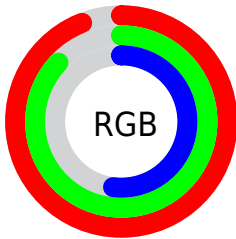
Format	Color
<a href="#">RYB</a>	<a href="#">155, 240, 132</a>
Decimal	<a href="#">15785348</a>
CIELab	<a href="#">87.92, -5.28, 45.88</a>
CIELCh	<a href="#">88, 46.186, 96.558</a>
Yxy	<a href="#">71.9041, 0.3878, 0.4227</a>
Android (android.graphics.Color)	<a href="#">4293975428 (0xFFFF0DD84)</a>
YUV	<a href="#">216.5350, -41.6758, 20.5788</a>
Hunter-Lab	<a href="#">84.7963, -9.5521, 36.8203</a>

# Details

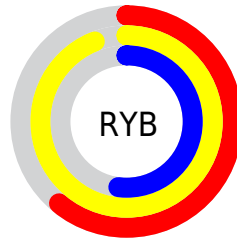
The Hex color **F0DD84** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8497F0**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFBA**, and **B6A650** is the 20% darker color. If you saturate the color by 10%, you get **F0D96C**, and if you desaturate by 10%, it is **F0E19C**.

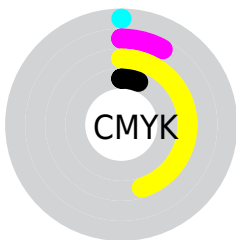
# Distribution



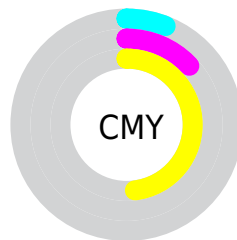
- Red (94%)
- Green (87%)
- Blue (52%)



- Red (61%)
- Yellow (94%)
- Blue (52%)



- Cyan (0%)
- Magenta (8%)
- Yellow (45%)
- Black (6%)



- Cyan (6%)
- Magenta (13%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0DD84 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 F0DD84 by changing the saturation by 10% instead.



 F0DD84

 F0DD84

FFFFFF

 D3C16A

 FFFFBA

 B6A650

 FFFFD7


 9A8C37

 FFFFF3

 7F731D

 645A00

 4A4300

 312D00

 181900

 000000

 F0DD84

 F0DD84

 F0D96C

 F0E19C

 F0D554

 F0E5B4

 F0D03C

 F0EACC

 F0CC24

 F0EEE4

 F0C80C

 F0F2FC

 F0C600

 F0F6FF

 F0FBFF

 F0FFFF

# Harmonies

## Analogous

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



FFCE8D



F0DD84



C1E994

# Triad

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



F0DD84



0EF2FF



FFBFFF

# Complementary

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



F0DD84



8497F0

# 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.



EECEFF



F0DD84



5DEAFF

# Square

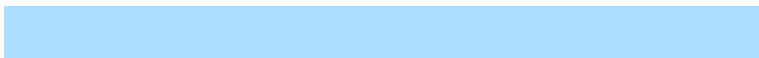
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F0DD84



4BF4E5



ACDEFF



FFBAD4

# Rectangle

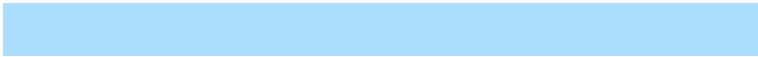
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0DD84



9DEFAB



ACDEFF



FFC4FF



# Sweetspot

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



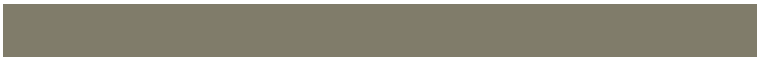
F0DD84



FFF9DB



F08498



807C6A



000000



808080



# Same Dimension

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



F0DD84



FFE775



CEF084



78766C



B89700



382E00



# Inverse Universe

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



8497F0



758EFF



A684F0



6C6E78



0020B8

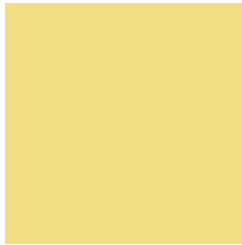


000A38



# Previews

## White Background



This preview shows how the Hex color F0DD84 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 F0DD84 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 F0DD84 Background



This preview shows how black text looks on a background with the Hex color F0DD84.

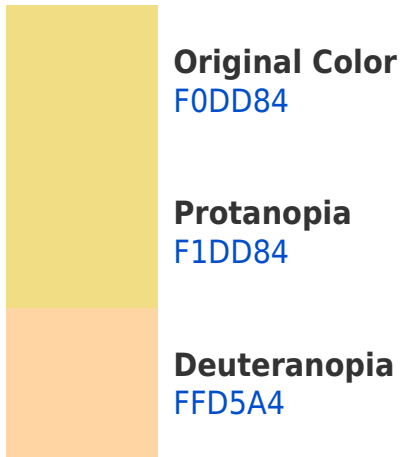


This preview shows how white text looks on a background with the Hex color F0DD84.

# 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](#).

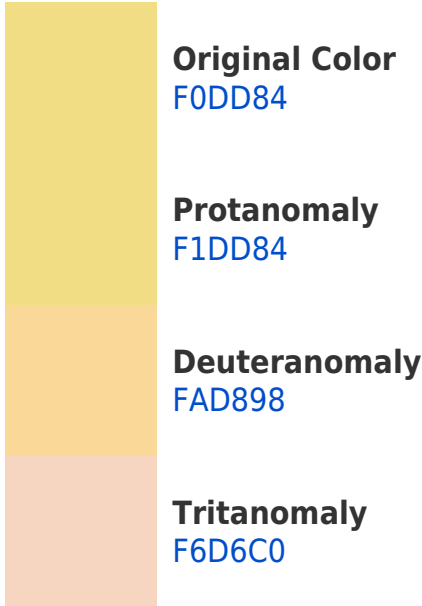
## Dichromacy



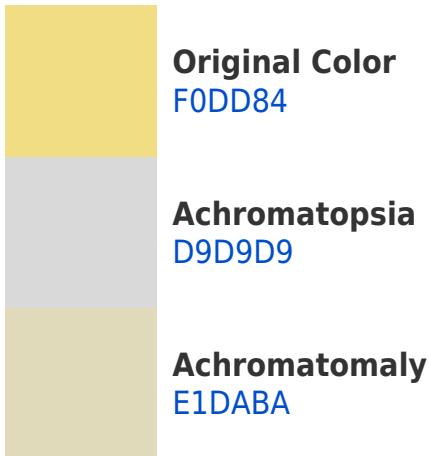


**Tritanopia**  
FAD2E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0DD84 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 #F0DD84 looks like.

```
.text, #text, p{  
    color:#F0DD84  
}
```

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 #F0DD84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0DD84
}
```

## Border

The CSS property to change the border of an element to Hex F0DD84 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
#F0DD84 }
```

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

```
.border{ border-color:#F0DD84 }
```

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

Here you see how a box with a 4 pixel #F0DD84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0DD84; -webkit-box-shadow:4px 4px  
4px 4px #F0DD84; box-shadow:4px 4px 4px  
4px #F0DD84 }
```

# Background

The CSS property to change the background color of an element to Hex F0DD84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0DD84 }
```

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

```
.background{ background-color:#F0DD84 }
```

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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