

# Converting Colors

Hex(F5DD70)

Have a look what the booklet for  
Hex(F5DD70) contains.

<b>Hex(F5DD70)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(F5DD70)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5DD70
RGB	245, 221, 112
RGB Percent	96%, 87%, 44%
CMY	0.0392, 0.1333, 0.5608
CMYK	0.00, 0.10, 0.54, 0.04
HSL	49°, 87%, 70%
HSV	49°, 54%, 96%
XYZ	66.4373, 72.2952, 25.7820
YIQ	215.7500, 49.2930, -28.8110

# Conversions

## Conversions Part 2

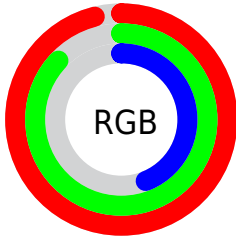
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 245, 112
Decimal	16113008
CIELab	88.11, -5.01, 55.77
CIELCh	88, 55.994, 95.136
Yxy	72.2952, 0.4038, 0.4394
Android (android.graphics.Color)	4294303088 (0xFFF5DD70)
YUV	215.7500, -51.1487, 25.6522
Hunter-Lab	85.0266, -9.3219, 41.5406

# Details

The Hex color **F5DD70** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7088F5**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFA6**, and **BAA63B** is the 20% darker color. If you saturate the color by 10%, you get **F5D957**, and if you desaturate by 10%, it is **F5E189**.

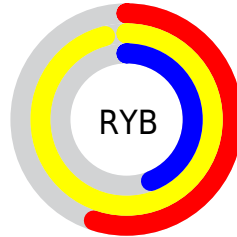
# Distribution



Red (96%)

Green (87%)

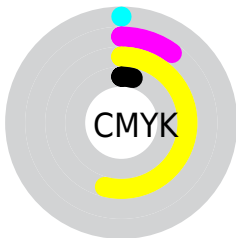
Blue (44%)



Red (55%)

Yellow (96%)

Blue (44%)

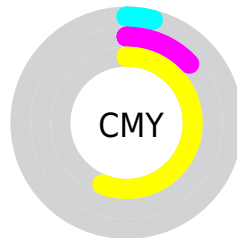


Cyan (0%)

Magenta (10%)

Yellow (54%)

Black (4%)



Cyan (4%)

Magenta (13%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5DD70 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 F5DD70 by changing the saturation by 10% instead.



 F5DD70

 F5DD70

FFFFFF

 D7C156

 FFFFA6

 BAA63B

 FFFFC2

 9E8C1F

 FFFFDF

 827300

 FFFFFC

 665A00

 4C4300

 322D00

 191900

 000000

 F5DD70

 F5DD70

 F5D957

 F5E189

 F5D43F

 F5E6A1

 F5D026

 F5EABA

 F5CB0E

 F5EFD2

 F5C900

 F5F3EB

 F5F8FF

 F5FCFF

 F5FFFF

# Harmonies

## Analogous

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



FFCA7D



F5DD70



BDEC83

# Triad

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



F5DD70



00F7FF



FFB9FF

# Complementary

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



F5DD70



7088F5

# 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.



EECCFF



F5DD70



00EEFF

# Square

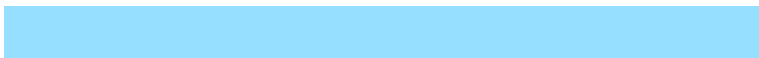
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F5DD70



00F9E5



96DFFF



FFB1D6

# Rectangle

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



F5DD70



91F39E



96DFFF



FFBEFF



# Sweetspot

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



F5DD70



FFF8D6



F57088



807B67



000000



808080



# Same Dimension

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



F5DD70



FFE159



CBF570



7A786E



BA9900



3B3000



# Inverse Universe

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



7088F5



5977FF



9A70F5



6E707A



0022BA



000B3B



# Previews

## White Background



This preview shows how the Hex color F5DD70 looks on a white background.

## Color Contrast Check

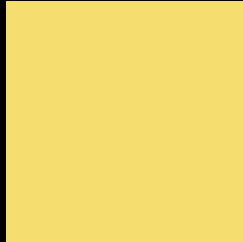
Large Text (above 18pt) WCAG AA × Fail

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 F5DD70 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 F5DD70 Background



This preview shows how black text looks on a background with the Hex color F5DD70.

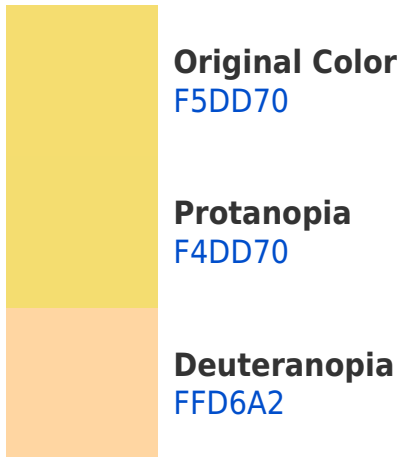


This preview shows how white text looks on a background with the Hex color F5DD70.

# 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](#).

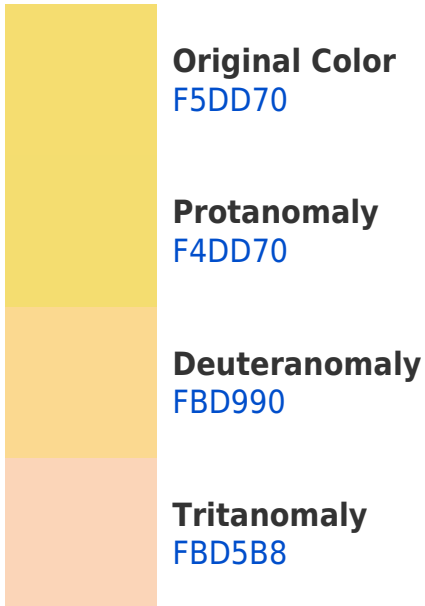
## Dichromacy



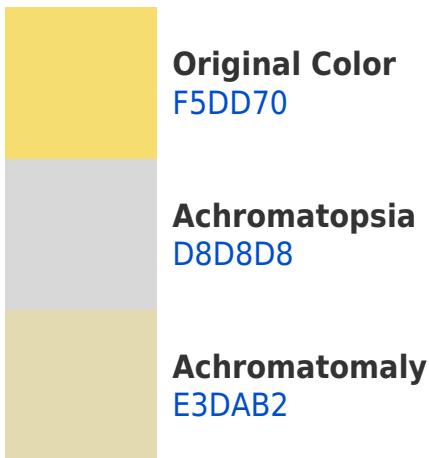


**Tritanopia**  
FFD1E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5DD70 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 #F5DD70 looks like.

```
.text, #text, p{  
    color:#F5DD70  
}
```

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 #F5DD70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5DD70
}
```

## Border

The CSS property to change the border of an element to Hex F5DD70 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
#F5DD70 }
```

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

```
.border{ border-color:#F5DD70 }
```

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

Here you see how a box with a 4 pixel #F5DD70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5DD70; -webkit-box-shadow:4px 4px  
4px 4px #F5DD70; box-shadow:4px 4px 4px  
4px #F5DD70 }
```

# Background

The CSS property to change the background color of an element to Hex F5DD70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5DD70 }
```

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

```
.background{ background-color:#F5DD70 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor