

# Converting Colors

Hex(FFDF85)

Have a look what the booklet for  
Hex(FFDF85) contains.

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# **Color**

**Hex(FFDF85)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDF85
RGB	255, 223, 133
RGB Percent	100%, 87%, 52%
CMY	0.0000, 0.1255, 0.4784
CMYK	0.00, 0.13, 0.48, 0.00
HSL	44°, 100%, 76%
HSV	44°, 48%, 100%
XYZ	71.8613, 75.7288, 33.0199
YIQ	222.3080, 47.9620, -21.2060

# Conversions

## Conversions Part 2

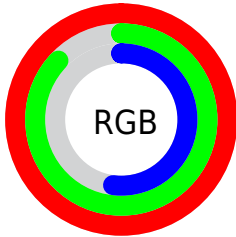
Format	Color
<a href="#">RYB</a>	<a href="#">176, 255, 133</a>
Decimal	<a href="#">16768901</a>
CIELab	<a href="#">89.73, -0.25, 47.93</a>
CIElCh	<a href="#">90, 47.929, 90.294</a>
Yxy	<a href="#">75.7288, 0.3979, 0.4193</a>
Android (android.graphics.Color)	<a href="#">4294958981 (0xFFFFDF85)</a>
YUV	<a href="#">222.3080, -44.0288, 28.6709</a>
Hunter-Lab	<a href="#">87.0223, -4.8872, 38.4185</a>

# Details

The Hex color **FFDF85** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **85A5FF**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFBC**, and **C4A851** is the 20% darker color. If you saturate the color by 10%, you get **FFD86C**, and if you desaturate by 10%, it is **FFE69F**.

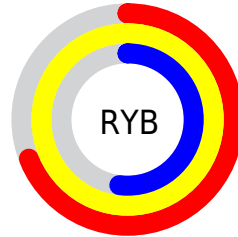
# Distribution



Red (100%)

Green (87%)

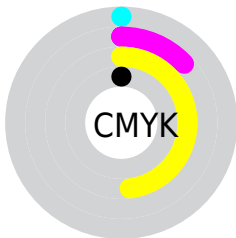
Blue (52%)



Red (69%)

Yellow (100%)

Blue (52%)

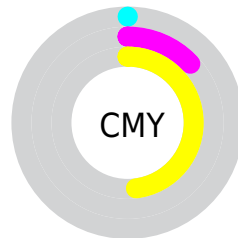


Cyan (0%)

Magenta (13%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFDF85 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 FFDF85 by changing the saturation by 10% instead.



 FFDF85

 FFDF85

FFFFFF

 E1C36B

 FFFFBC

 C4A851

 FFFFD8

 A88E38

 FFFFF5

 8C741E

 705C00

 564500

 3C2F00

 231A00

 000000

 #FFDF85

 #FFDF85

 #FFD86C

 #FFE69F

 #FFD252

 #FFECB8

 #FFCB39

 #FFF3D2

 #FFC41F

 #FFFAEB

 #FFBE06

FFFFFF

 #FFBC00

# Harmonies

## Analogous

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



FFCF93



FFDF85



CFED91

# Triad

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



FFDF85



00F9FF



FFC6FF

# Complementary

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



FFDF85



85A5FF

# 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.



E7D6FF



FFDF85



46F2FF

# Square

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



FFDF85



57FAE1



9EE6FF



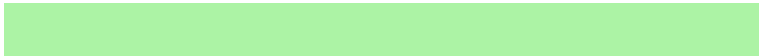
FFBEE3

# Rectangle

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



FFDF85



ACF3A5



9EE6FF



FFCBFF



# Sweetspot

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



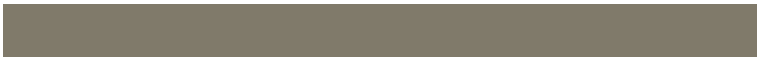
FFDF85



FFF6DB



FF85A6



807A6A



000000



808080



# Same Dimension

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



FFDF85



FFD96E



E3FF85



807C73



BF8D00



402F00



# Inverse Universe

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



85A5FF



6E94FF



A185FF



737680



0032BF



001140



# Previews

## White Background



This preview shows how the Hex color FFDF85 looks on a white background.

## Color Contrast Check

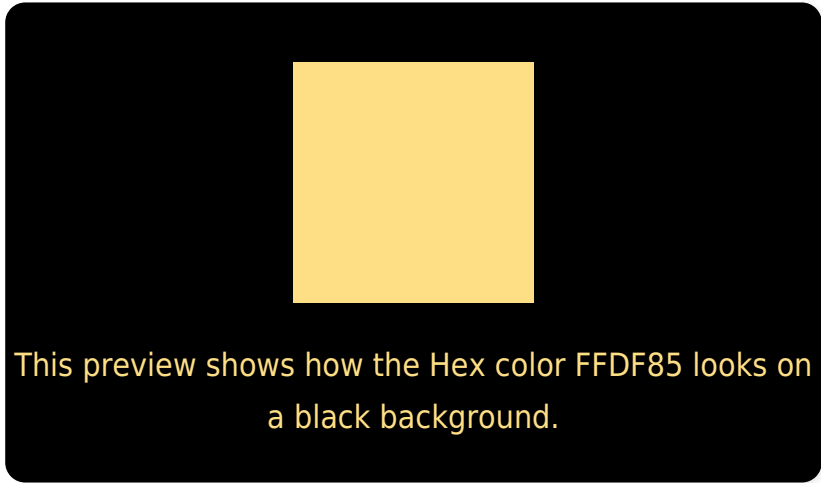
Large Text (above 18pt) WCAG AA × Fail

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 FFDF85 Background



This preview shows how black text looks on a background with the Hex color FFDF85.

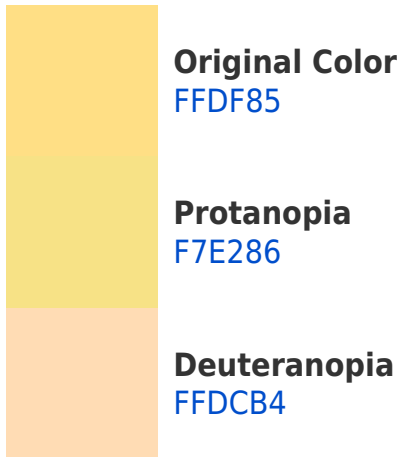


This preview shows how white text looks on a background with the Hex color FFDF85.

# 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](#).

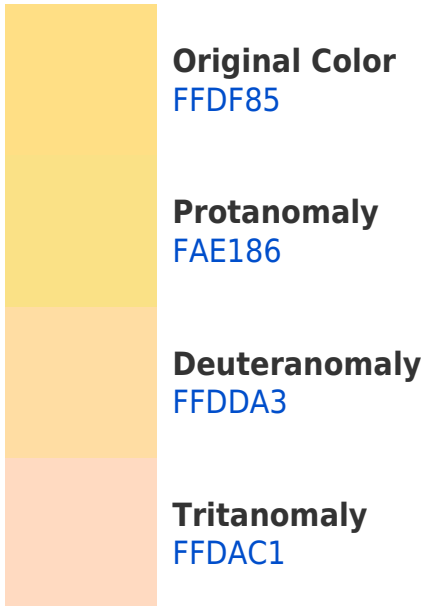
## Dichromacy



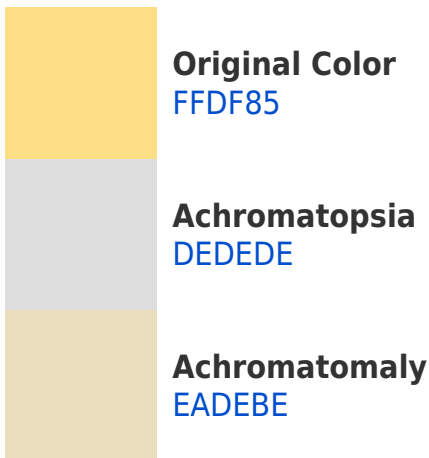


**Tritanopia**  
FFD7E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFDF85 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 #FFDF85 looks like.

```
.text, #text, p{  
    color:#FFDF85  
}
```

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 #FFDF85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFDF85
}
```

## Border

The CSS property to change the border of an element to Hex FFDF85 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
#FFDF85 }
```

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

```
.border{ border-color:#FFDF85 }
```

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

Here you see how a box with a 4 pixel #FFDF85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFDF85; -webkit-box-shadow:4px 4px  
4px 4px #FFDF85; box-shadow:4px 4px 4px  
4px #FFDF85 }
```

# Background

The CSS property to change the background color of an element to Hex FFDF85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFDF85 }
```

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

```
.background{ background-color:#FFDF85 }
```

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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