

# Converting Colors

Hex(FFDF7F)

Have a look what the booklet for  
Hex(FFDF7F) contains.

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# **Color**

**Hex(FFDF7F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDF7F
RGB	255, 223, 127
RGB Percent	100%, 87%, 50%
CMY	0.0000, 0.1255, 0.5020
CMYK	0.00, 0.13, 0.50, 0.00
HSL	45°, 100%, 75%
HSV	45°, 50%, 100%
XYZ	71.4584, 75.5677, 30.8984
YIQ	221.6240, 49.8880, -23.0720

# Conversions

## Conversions Part 2

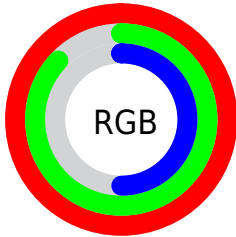
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 255, 127
Decimal	16768895
CIELab	89.66, -0.78, 50.74
CIELCh	90, 50.747, 90.876
Yxy	75.5677, 0.4016, 0.4247
Android (android.graphics.Color)	4294958975 (0xFFFFDF7F)
YUV	221.6240, -46.6496, 29.2708
Hunter-Lab	86.9297, -5.3953, 39.7766

# Details

The Hex color **FFDF7F** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7F9FFF**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFB5**, and **C4A84B** is the 20% darker color. If you saturate the color by 10%, you get **FFD966**, and if you desaturate by 10%, it is **FFE599**.

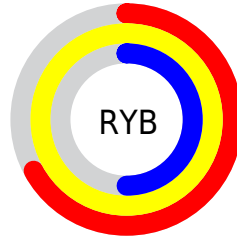
# Distribution



Red (100%)

Green (87%)

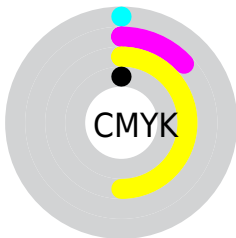
Blue (50%)



Red (67%)

Yellow (100%)

Blue (50%)

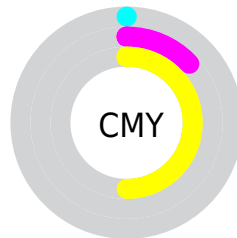


Cyan (0%)

Magenta (13%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFDF7F 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 FFDF7F by changing the saturation by 10% instead.



 FFDF7F

 FFDF7F

FFFFFF

 E1C365

 FFFFB5

 C4A84B

 FFFFD2

 A78E31

 FFFFEE

 8B7415

 705C00

 554500

 3B2F00

 221A00

 000000

 #FFDF7F

 #FFDF7F

 #FFD966

 #FFE599

 #FFD24C

 #FFECB2

 #FFCC33

 #FFF2CC

 #FFC619

 #FFF9E5

 #FFBF00

#FFFFFF

# Harmonies

## Analogous

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



FFCE8E



FFDF7F



CDED8C

# Triad

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



FFDF7F



00FAFF



FFC3FF

# Complementary

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



FFDF7F



7F9FFF

# 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.



E8D4FF



FFDF7F



25F3FF

# Square

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



FFDF7F



43FBE1



99E6FF



FFBBE2

# Rectangle

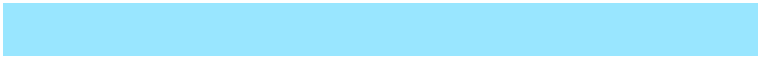
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFDF7F



A6F4A2



99E6FF



FFC8FF



# Sweetspot

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



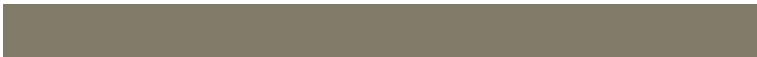
FFDF7F



FFF5D9



FF7F9F



807A69



000000



808080



# Same Dimension

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



FFDF7F



FFD966



DFFF7F



807C73



BF8F00



403000



# Inverse Universe

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



7F9FFF



668CFF



9F7FFF



737680



0030BF



001040



# Previews

## White Background



This preview shows how the Hex color FFDF7F looks on a white background.

## Color Contrast Check

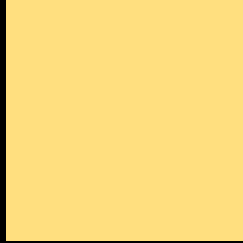
Large Text (above 18pt) WCAG AA × Fail

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 FFDF7F 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 FFDF7F Background



This preview shows how black text looks on a background with the Hex color FFDF7F.

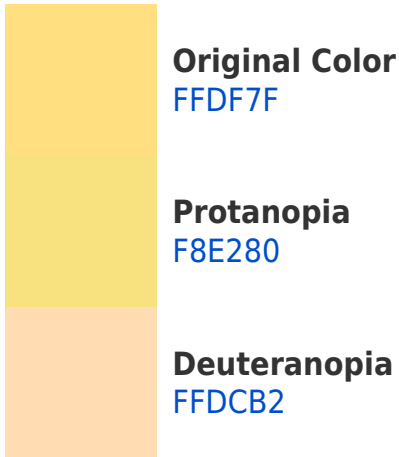


This preview shows how white text looks on a background with the Hex color FFDF7F.

# 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](#).

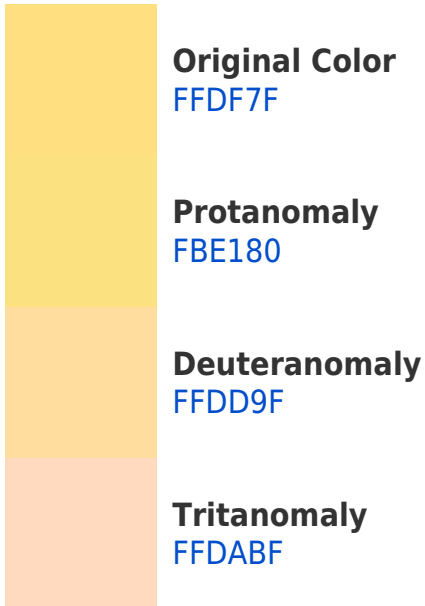
## Dichromacy



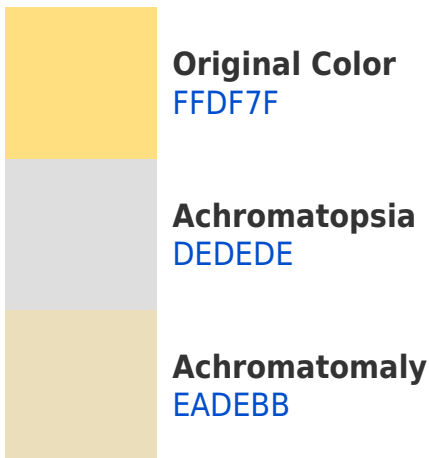


**Tritanopia**  
FFD7E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFDF7F 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 #FFDF7F looks like.

```
.text, #text, p{  
    color:#FFDF7F  
}
```

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 #FFDF7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFDF7F
}
```

## Border

The CSS property to change the border of an element to Hex FFDF7F 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
#FFDF7F }
```

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

```
.border{ border-color:#FFDF7F }
```

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

Here you see how a box with a 4 pixel #FFDF7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFDF7F; -webkit-box-shadow:4px 4px  
4px 4px #FFDF7F; box-shadow:4px 4px 4px  
4px #FFDF7F }
```

# Background

The CSS property to change the background color of an element to Hex FFDF7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFDF7F }
```

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

```
.background{ background-color:#FFDF7F }
```

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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