

# Converting Colors

Hex(FFDD97)

Have a look what the booklet for  
Hex(FFDD97) contains.

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# **Color**

**Hex(FFDD97)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDD97
RGB	255, 221, 151
RGB Percent	100%, 87%, 59%
CMY	0.0000, 0.1333, 0.4078
CMYK	0.00, 0.13, 0.41, 0.00
HSL	40°, 100%, 80%
HSV	40°, 41%, 100%
XYZ	72.6824, 75.2073, 39.9638
YIQ	223.1860, 42.7340, -14.5620

# Conversions

## Conversions Part 2

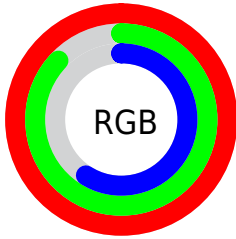
Format	Color
R <sub>Y</sub> B	202, 255, 151
Decimal	16768407
CIE Lab	89.49, 2.53, 38.68
CIE LCh	89, 38.765, 86.257
Yxy	75.2073, 0.3869, 0.4004
Android (android.graphics.Color)	4294958487 (0xFFFFDD97)
YUV	223.1860, -35.5877, 27.9009
Hunter-Lab	86.7221, -2.1617, 33.3831

# Details

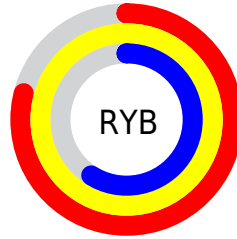
The Hex color **FFDD97** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **97B9FF**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFCE**, and **C5A663** is the 20% darker color. If you saturate the color by 10%, you get **FFD57E**, and if you desaturate by 10%, it is **FFE5B1**.

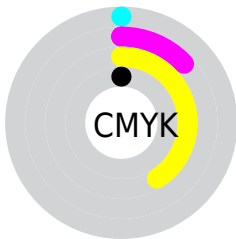
# Distribution



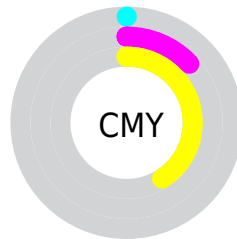
- Red (100%)
- Green (87%)
- Blue (59%)



- Red (79%)
- Yellow (100%)
- Blue (59%)



- Cyan (0%)
- Magenta (13%)
- Yellow (41%)
- Black (0%)



- Cyan (0%)
- Magenta (13%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFDD97 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 FFDD97 by changing the saturation by 10% instead.



 FFDD97

 FFDD97

FFFFFF

 E2C17D

 FFFFCE

 C5A663

 FFFFEA

 A88C4A

 8D7232

 725A1A

 574300

 3E2D00

 251900

 010000

 FFDD97

 FFDD97

 FFD57E

 FFE5B1

 FFCC64

 FFEECA

 FFC44B

 FFF6E4

 FFBC31

 FFFEFD

 FFB318

 FFFFFFFF

 FFAC00

# Harmonies

## Analogous

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



FFD0A5



FFDD97



D9E99E

# Triad

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



FFDD97



66F5FF



FFCDFF

# Complementary

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



FFDD97



97B9FF

# 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.



E0D9FF



FFDD97



76F0FF

# Square

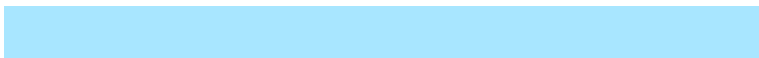
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFDD97



83F5DB



A8E6FF



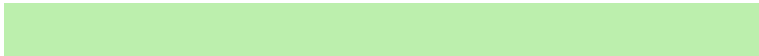
FFC5E7

# Rectangle

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



FFDD97



BCEFAD



A8E6FF



FFD0FF

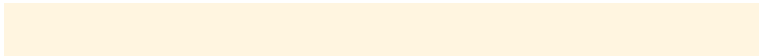


# Sweetspot

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



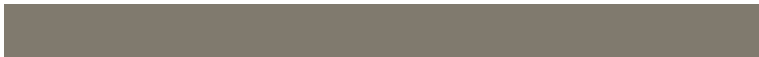
FFDD97



FFF5E0



FF97BA



807A6E



000000



808080



# Same Dimension

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



FFDD97



FFD682



EEFF97



807B73



BF8100



402B00



# Inverse Universe

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



97B9FF



82ABFF



A897FF



737780



003FBF



001540



# Previews

## White Background



This preview shows how the Hex color FFDD97 looks on a white background.

## Color Contrast Check

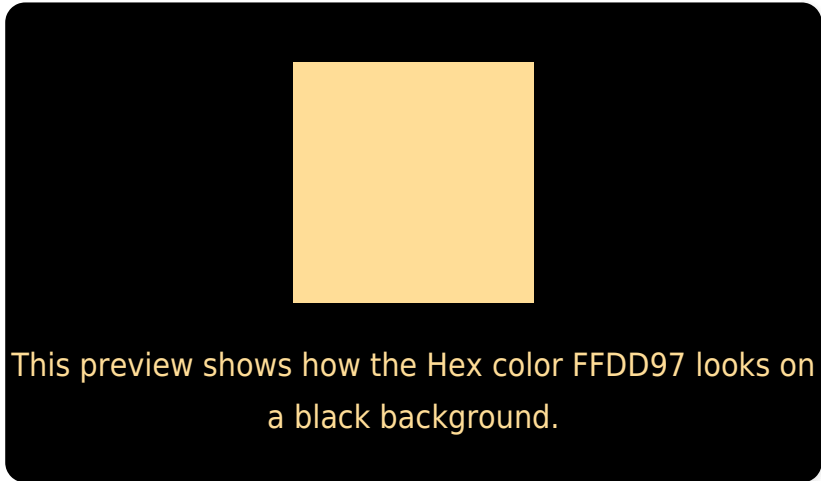
Large Text (above 18pt) WCAG AA × Fail

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

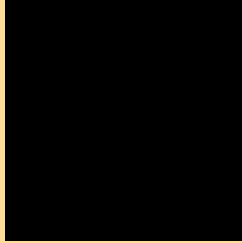
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FFDD97 Background



This preview shows how black text looks on a background with the Hex color FFDD97.

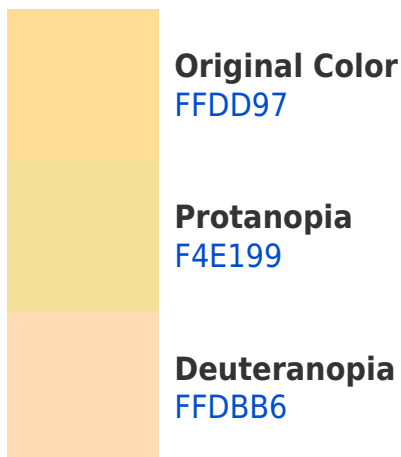


This preview shows how white text looks on a background with the Hex color FFDD97.

# 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](#).

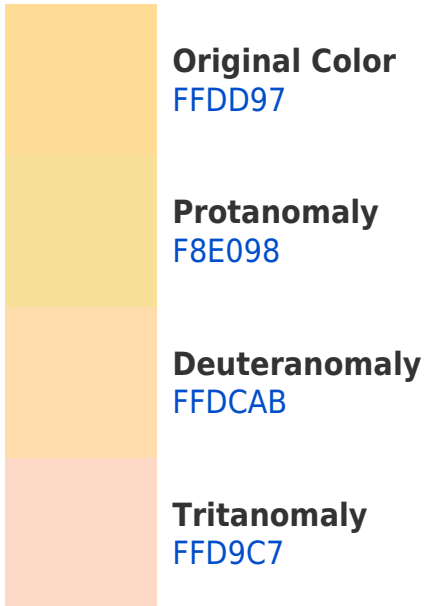
## Dichromacy



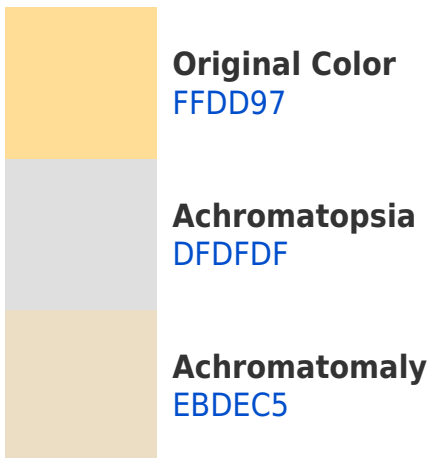


**Tritanopia**  
FFD7E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFDD97 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 #FFDD97 looks like.

```
.text, #text, p{  
    color:#FFDD97  
}
```

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 #FFDD97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFDD97
}
```

## Border

The CSS property to change the border of an element to Hex FFDD97 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
#FFDD97 }
```

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

```
.border{ border-color:#FFDD97 }
```

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

Here you see how a box with a 4 pixel #FFDD97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFDD97; -webkit-box-shadow:4px 4px  
4px 4px #FFDD97; box-shadow:4px 4px 4px  
4px #FFDD97 }
```

# Background

The CSS property to change the background color of an element to Hex FFDD97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFDD97 }
```

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

```
.background{ background-color:#FFDD97 }
```

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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