

# Converting Colors

Hex(FFD999)

Have a look what the booklet for  
Hex(FFD999) contains.

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# **Color**

**Hex(FFD999)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD999
RGB	255, 217, 153
RGB Percent	100%, 85%, 60%
CMY	0.0000, 0.1490, 0.4000
CMYK	0.00, 0.15, 0.40, 0.00
HSL	38°, 100%, 80%
HSV	38°, 40%, 100%
XYZ	71.8026, 73.1856, 40.4788
YIQ	221.0660, 43.1920, -11.8480

# Conversions

## Conversions Part 2

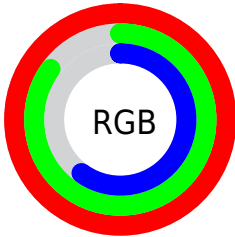
Format	Color
<a href="#">RYB</a>	<a href="#">214, 255, 153</a>
Decimal	<a href="#">16767385</a>
CIELab	<a href="#">88.54, 4.79, 36.43</a>
CIELCh	<a href="#">89, 36.739, 82.509</a>
Yxy	<a href="#">73.1856, 0.3871, 0.3946</a>
Android (android.graphics.Color)	<a href="#">4294957465</a> (0xFFFFD999)
YUV	<a href="#">221.0660, -33.5565, 29.7601</a>
Hunter-Lab	<a href="#">85.5486, 0.1085, 31.8299</a>

# Details

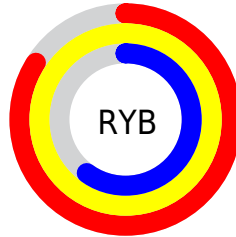
The Hex color **FFD999** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **99BFFF**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFD0**, and **C5A265** is the 20% darker color. If you saturate the color by 10%, you get **FFD080**, and if you desaturate by 10%, it is **FFE3B3**.

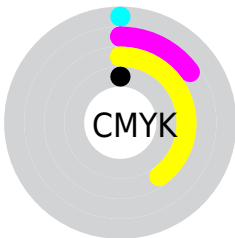
# Distribution



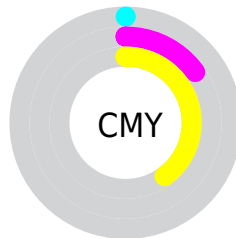
- Red (100%)
- Green (85%)
- Blue (60%)



- Red (84%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (15%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFD999 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 FFD999 by changing the saturation by 10% instead.



 FFD999

 FFD999

FFFFFF

 E2BD7F

 FFFFD0

 C5A265

 FFFFEC

 A8884C

 8D6F34

 72571D

 573F04

 3E2A00

 251600

 000000

 FFD999

 FFD999

 FFD080

 FFE3B3

 FFC666

 FFECCC

 FFBD4D

 FFF6E6

 FF3333

FFFFFF

 FFAA19

 FFA000

# Harmonies

## Analogous

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



FFCDA8



FFD999



DCE49D

# Triad

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



FFD999



6FF1F8



FFCCFF

# Complementary

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



FFD999



99BFFF

# 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.



D7D8FF



FFD999



78EDFF

# Square

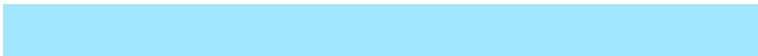
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFD999



8BF1D4



A3E4FF



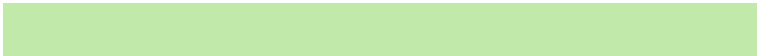
FFC5E8

# Rectangle

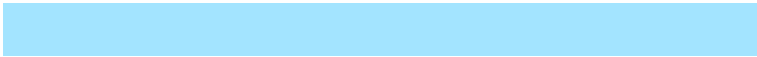
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFD999



C1EAAA



A3E4FF



F6D0FF

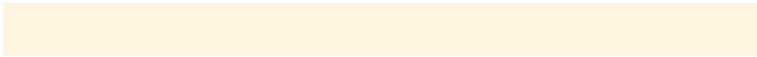


# Sweetspot

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



FFD999



FFF4E0



FF99C0



80796E



000000



808080



# Same Dimension

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



FFD999



FFD185



F3FF99



807B73



BF7800



402800

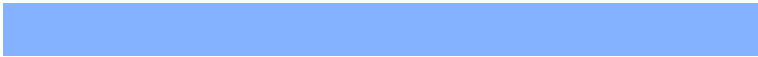


# Inverse Universe

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



99BFFF



85B2FF



A599FF



737880



0047BF



001840



# Previews

## White Background



This preview shows how the Hex color FFD999 looks on a white background.

## Color Contrast Check

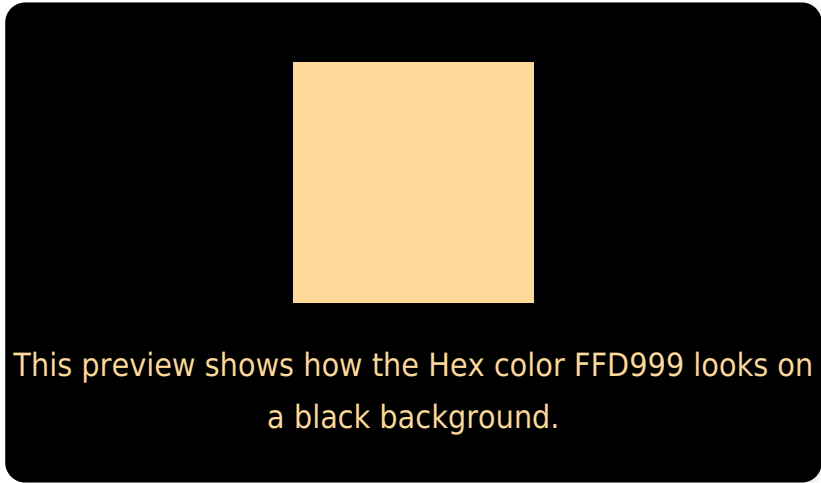
Large Text (above 18pt) WCAG AA × Fail

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

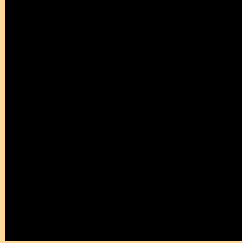
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FFD999 Background



This preview shows how black text looks on a background with the Hex color FFD999.

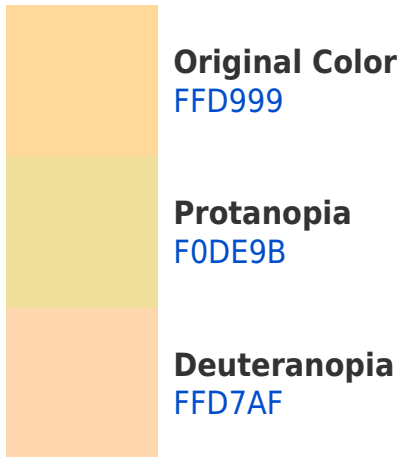


This preview shows how white text looks on a background with the Hex color FFD999.

# 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](#).

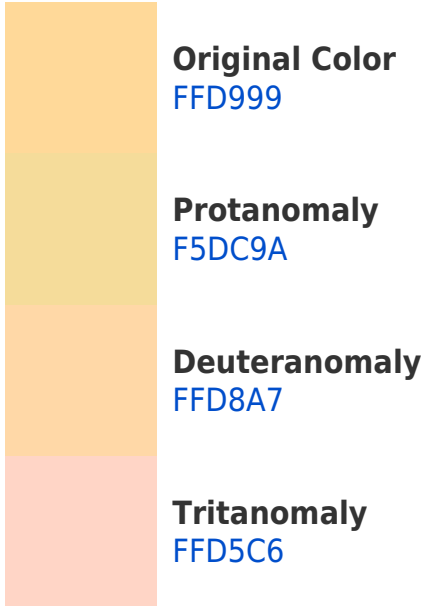
## Dichromacy



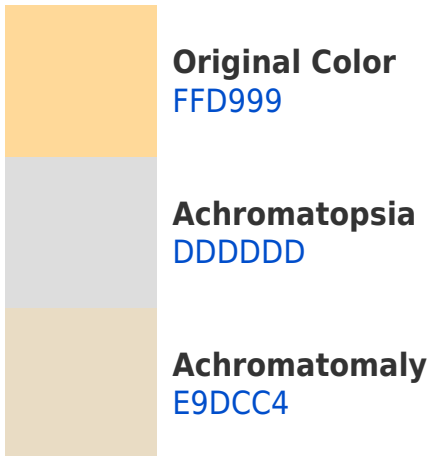


**Tritanopia**  
FFD3E0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFD999 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 #FFD999 looks like.

```
.text, #text, p{  
    color:#FFD999  
}
```

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 #FFD999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD999
}
```

## Border

The CSS property to change the border of an element to Hex FFD999 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
#FFD999 }
```

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

```
.border{ border-color:#FFD999 }
```

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

Here you see how a box with a 4 pixel #FFD999 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD999; -webkit-box-shadow:4px 4px  
4px 4px #FFD999; box-shadow:4px 4px 4px  
4px #FFD999 }
```

# Background

The CSS property to change the background color of an element to Hex FFD999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD999 }
```

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

```
.background{ background-color:#FFD999 }
```

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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