

Converting Colors

Hex(FFDF99)

Have a look what the booklet for
Hex(FFDF99) contains.

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Color

Hex(FFDF99)

Conversions

Conversions Part 1

Format	Color
Hex	FFDF99
RGB	255, 223, 153
RGB Percent	100%, 87%, 60%
CMY	0.0000, 0.1255, 0.4000
CMYK	0.00, 0.13, 0.40, 0.00
HSL	41°, 100%, 80%
HSV	41°, 40%, 100%
XYZ	73.3774, 76.3353, 41.0038
YIQ	224.5880, 41.5420, -14.9860

Conversions

Conversions Part 2

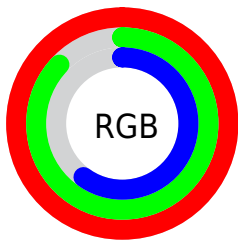
Format	Color
R _Y B	200, 255, 153
Decimal	16768921
CIE Lab	90.01, 1.72, 38.36
CIE LCh	90, 38.395, 87.430
Yxy	76.3353, 0.3847, 0.4003
Android (android.graphics.Color)	4294959001 (0xFFFFDF99)
YUV	224.5880, -35.2929, 26.6713
Hunter-Lab	87.3701, -2.9850, 33.3336

Details

The Hex color **FFDF99** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **99B9FF**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFD0**, and **C5A865** is the 20% darker color. If you saturate the color by 10%, you get **FFD780**, and if you desaturate by 10%, it is **FFE7B3**.

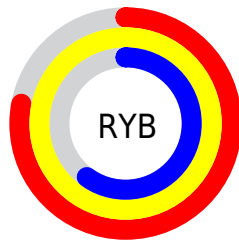
Distribution



Red (100%)

Green (87%)

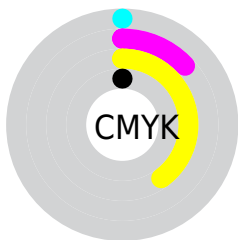
Blue (60%)



Red (78%)

Yellow (100%)

Blue (60%)

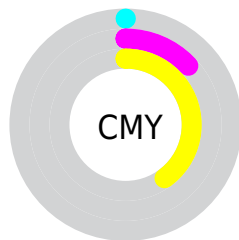


Cyan (0%)

Magenta (13%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFDF99 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 FFDF99 by changing the saturation by 10% instead.

 FFDF99

 FFDF99

FFFFFF

 E2C37F

 FFFFD0

 C5A865

 FFFFED

 A88E4C

 8D7434

 725C1C

 584402

 3F2E00

 261A00

 050000

 #FFDF99

 #FFDF99

 #FFD780

 #FFE7B3

 #FFCF66

 #FFEFC6

 #FFC74D

 #FFF7E6

 #FFBF33

#FFFFFF

 #FFB719

 #FFAF00

Harmonies

Analogous

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



FFD3A6



FFDF99



D9EAA0

Triad

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



FFDF99



6AF6FF



FFCEFF

Complementary

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



FFDF99



99B9FF

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.



E3DAFF



FFDF99



7BF1FF

Square

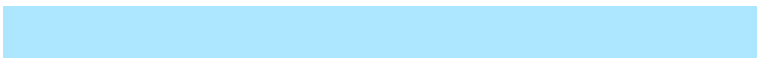
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFDF99



84F6DE



ADE7FF



FFC7E7

Rectangle

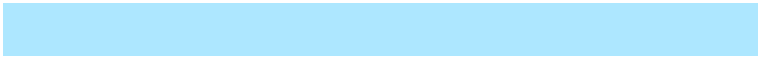
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFDF99



BDF0B0



ADE7FF



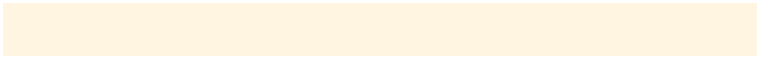
FFD2FF

Sweetspot

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



FFDF99



FFF5E0



FF99B9



807A6E



000000



808080

Same Dimension

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



FFDF99



FFD985



ECFF99



807C73



BF8300



402C00

Inverse Universe

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



99B9FF



85ABFF



AC99FF



737780



003CBF



001440

Previews

White Background



This preview shows how the Hex color FFDF99 looks on a white background.

Color Contrast Check

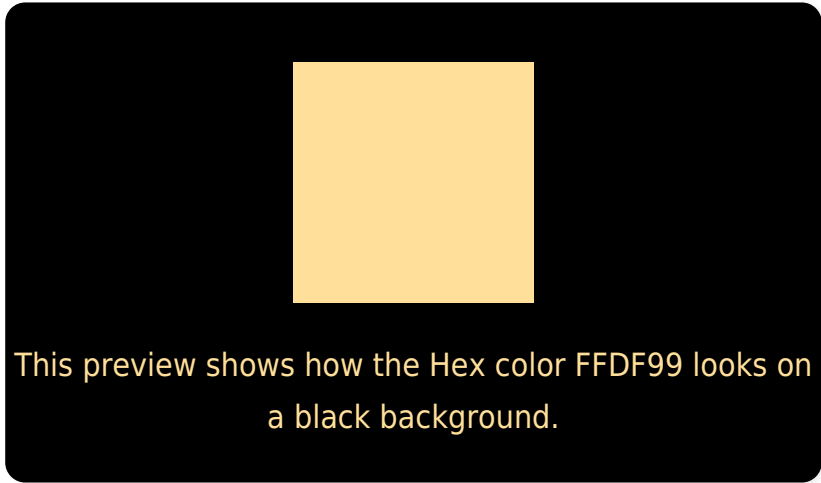
Large Text (above 18pt) WCAG AA × Fail

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 FFDF99 Background



This preview shows how black text looks on a background with the Hex color FFDF99.

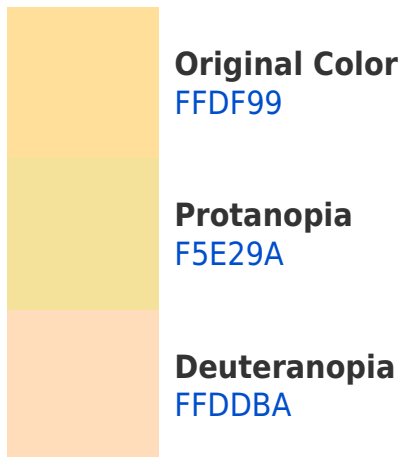


This preview shows how white text looks on a background with the Hex color FFDF99.

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](#).

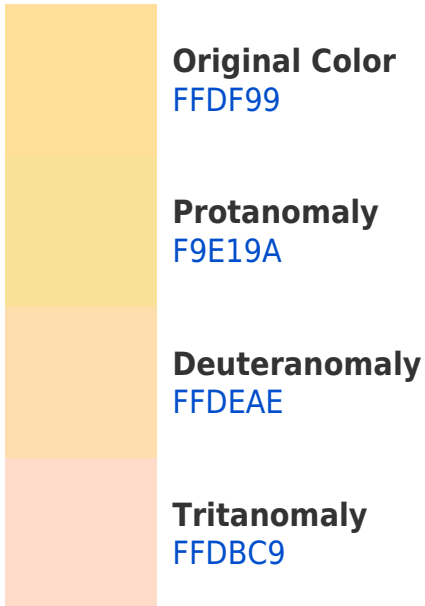
Dichromacy



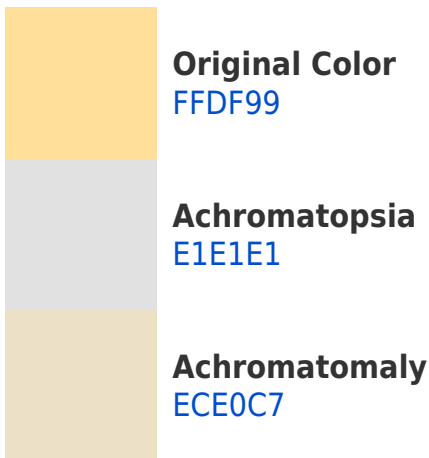


Tritanopia
FFD8E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFDF99 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 #FFDF99 looks like.

```
.text, #text, p{  
    color:#FFDF99  
}
```

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 #FFDF99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFDF99
}
```

Border

The CSS property to change the border of an element to Hex FFDF99 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
#FFDF99 }
```

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

```
.border{ border-color:#FFDF99 }
```

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

Here you see how a box with a 4 pixel #FFDF99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFDF99; -webkit-box-shadow:4px 4px  
4px 4px #FFDF99; box-shadow:4px 4px 4px  
4px #FFDF99 }
```

Background

The CSS property to change the background color of an element to Hex FFDF99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFDF99 }
```

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

```
.background{ background-color:#FFDF99 }
```

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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