

# Converting Colors

Hex(F9ED9C)

Have a look what the booklet for  
Hex(F9ED9C) contains.

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# **Color**

**Hex(F9ED9C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9ED9C
RGB	249, 237, 156
RGB Percent	98%, 93%, 61%
CMY	0.0235, 0.0706, 0.3882
CMYK	0.00, 0.05, 0.37, 0.02
HSL	52°, 89%, 79%
HSV	52°, 37%, 98%
XYZ	75.3519, 83.1084, 43.5225
YIQ	231.3540, 33.1530, -22.6470

# Conversions

## Conversions Part 2

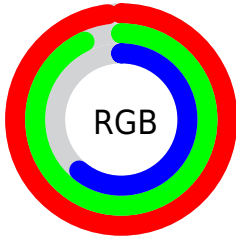
Format	Color
<a href="#">RYB</a>	<a href="#">170, 249, 156</a>
Decimal	<a href="#">16379292</a>
CIELab	<a href="#">93.06, -7.33, 40.71</a>
CIElCh	<a href="#">93, 41.367, 100.214</a>
Yxy	<a href="#">83.1084, 0.3731, 0.4115</a>
Android (android.graphics.Color)	<a href="#">4294569372</a> ( <a href="#">0xFFF9ED9C</a> )
YUV	<a href="#">231.3540, -37.1495, 15.4755</a>
Hunter-Lab	<a href="#">91.1638, -11.9967, 35.5090</a>

# Details

The Hex color **F9ED9C** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9CA8F9**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFD3**, and **BFB567** is the 20% darker color. If you saturate the color by 10%, you get **F9EA83**, and if you desaturate by 10%, it is **F9F0B5**.

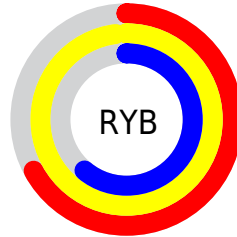
# Distribution



Red (98%)

Green (93%)

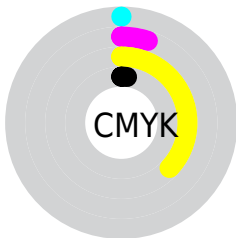
Blue (61%)



Red (67%)

Yellow (98%)

Blue (61%)

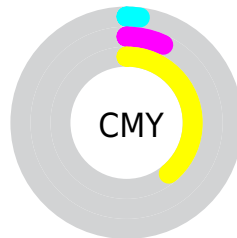


Cyan (0%)

Magenta (5%)

Yellow (37%)

Black (2%)



Cyan (2%)

Magenta (7%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F9ED9C 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 F9ED9C by changing the saturation by 10% instead.



 F9ED9C

 F9ED9C

FFFFFF

 DCD181

 FFFFD3

 BFB567

 FFFFF0

 A39B4E

 888136

 6D681D

 545001

 3B3900

 222400

 000F00

 F9ED9C

 F9ED9C

 F9EA83

 F9F0B5

 F9E76A

 F9F3CE

 F9E351

 F9F7E7

 F9E038

 F9FAFF

 F9DD20

 F9FDFF

 F9DA07

 F9FFFF

 F9D900

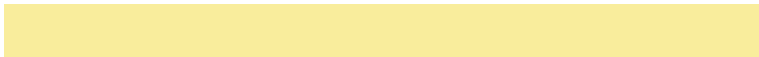
# Harmonies

## Analogous

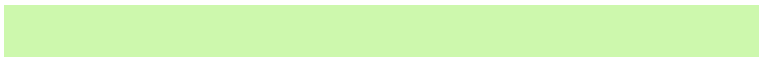
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE0A1



F9ED9C



CDF8AD

# Triad

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



F9ED9C



64FEFF



FFD0FF

# Complementary

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



F9ED9C



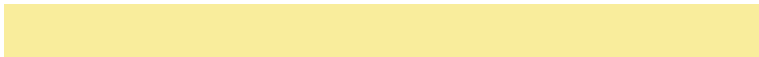
9CA8F9

# 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.



FFDCFF



F9ED9C



8DF7FF

# Square

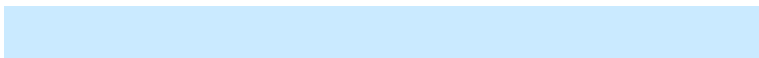
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F9ED9C



72FFF8



CAEAFF



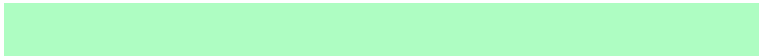
FFCDDF

# Rectangle

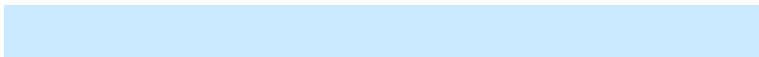
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F9ED9C



AEFDC2



CAEAFF



FFD4FF



# Sweetspot

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



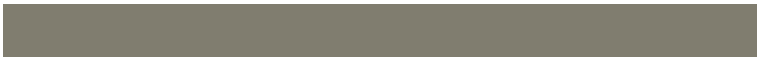
F9ED9C



FFFBE3



F99CA8



807D6F



000000

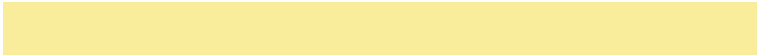


808080



# Same Dimension

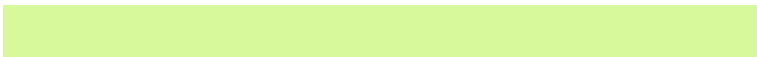
The Same Dimension uses a secret algorithm to generate beautiful new colors.



F9ED9C



FFF08C



D7F99C



7D7B70



BDA400



3D3500



# Inverse Universe

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



9CA8F9



8C9BFF



BE9CF9



70727D



0018BD

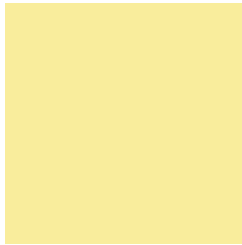


00083D



# Previews

## White Background



This preview shows how the Hex color F9ED9C looks on a white background.

## Color Contrast Check

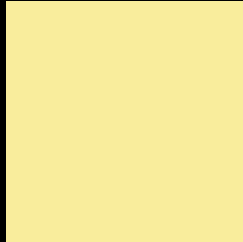
Large Text (above 18pt) WCAG AA × Fail

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 F9ED9C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

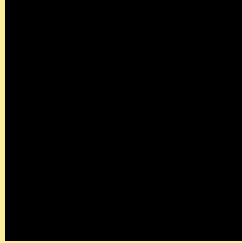
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F9ED9C Background



This preview shows how black text looks on a background with the Hex color F9ED9C.

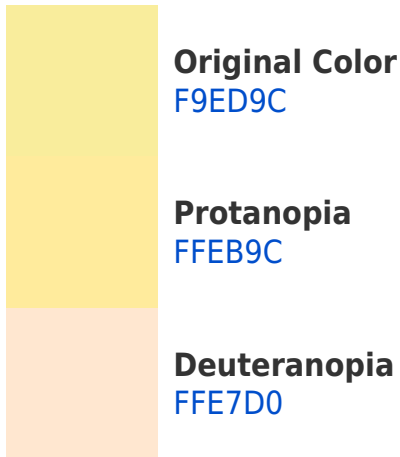


This preview shows how white text looks on a background with the Hex color F9ED9C.

# 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](#).

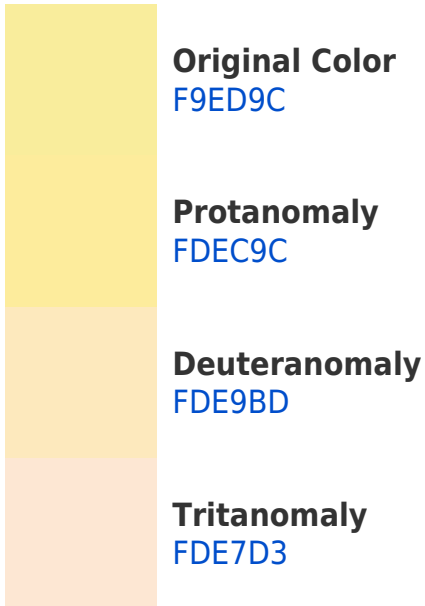
## Dichromacy



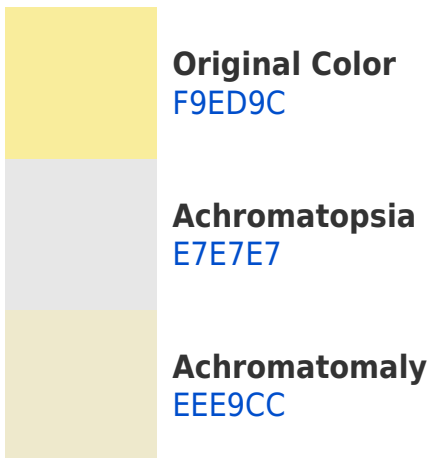


**Tritanopia**  
FFE4F2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F9ED9C 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 #F9ED9C looks like.

```
.text, #text, p{  
    color:#F9ED9C  
}
```

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 #F9ED9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9ED9C
}
```

## Border

The CSS property to change the border of an element to Hex F9ED9C 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
#F9ED9C }
```

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

```
.border{ border-color:#F9ED9C }
```

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

Here you see how a box with a 4 pixel #F9ED9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9ED9C; -webkit-box-shadow:4px 4px  
4px 4px #F9ED9C; box-shadow:4px 4px 4px  
4px #F9ED9C }
```

# Background

The CSS property to change the background color of an element to Hex F9ED9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9ED9C }
```

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

```
.background{ background-color:#F9ED9C }
```

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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