

# Converting Colors

Hex(F9F8E4)

Have a look what the booklet for  
Hex(F9F8E4) contains.

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# **Color**

**Hex(F9F8E4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F9F8E4
RGB	249, 248, 228
RGB Percent	98%, 97%, 89%
CMY	0.0235, 0.0275, 0.1059
CMYK	0.00, 0.00, 0.08, 0.02
HSL	57°, 64%, 94%
HSV	57°, 8%, 98%
XYZ	86.6379, 92.8760, 86.7593
YIQ	246.0190, 7.0160, -6.0080

# Conversions

## Conversions Part 2

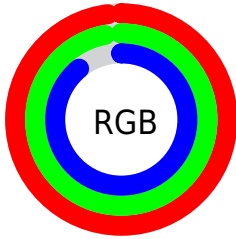
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 249, 228
Decimal	16382180
CIE Lab	97.18, -3.04, 9.72
CIE LCh	97, 10.180, 107.352
Yxy	92.8760, 0.3254, 0.3488
Android (android.graphics.Color)	4294572260 (0xFFFF9F8E4)
YUV	246.0190, -8.8834, 2.6143
Hunter-Lab	96.3722, -8.1811, 14.0845

# Details

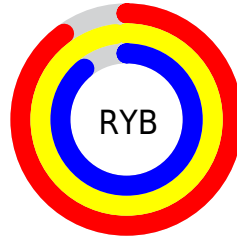
The Hex color **F9F8E4** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **E4E5F9**, and the grayscale version is **F6F6F6**.

A 20% lighter version of the original color is **FFFFFF**, and **C1C0AD** is the 20% darker color. If you saturate the color by 10%, you get **F9F7CB**, and if you desaturate by 10%, it is **F9F9FD**.

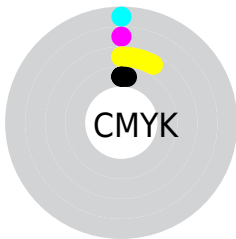
# Distribution



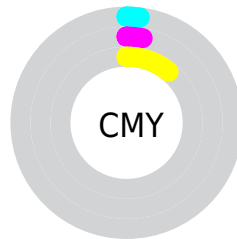
- Red (98%)
- Green (97%)
- Blue (89%)



- Red (90%)
- Yellow (98%)
- Blue (89%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (3%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F9F8E4 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 F9F8E4 by changing the saturation by 10% instead.



 F9F8E4

FFFFFF


 F9F8E4

 DCDBC8

 C1C0AD

 A5A592

 8B8A78

 717160

 595848

 414131

 2B2B1C

 181702

 F9F8E4

 F9F8E4

 F9F7CB

 F9F9FD

 F9F6B2

 F9FAFF

 F9F499

 F9FCFF

 F9F380

 F9FDFF

 F9F268

 F9FEFF

 F9F14F

 F9FFFF

 F9F036

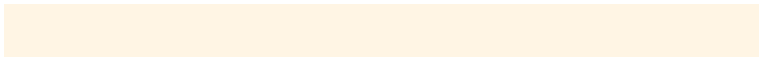
 F9EF1D

 F9ED04

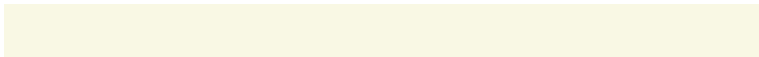
# Harmonies

## Analogous

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



FFF5E4



F9F8E4



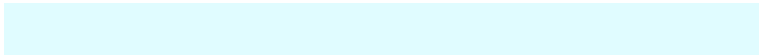
EDFBE9

# Triad

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



F9F8E4



E0FCFF



FFF1FB

# Complementary

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



F9F8E4



E4E5F9

# Split Complementary

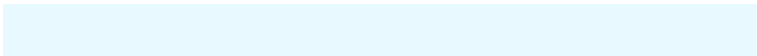
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFF3FF



F9F8E4



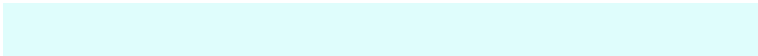
E8F9FF

# Square

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



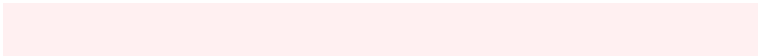
F9F8E4



DFFDFC



F4F6FF



FFF0F1

# Rectangle

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



F9F8E4



E7FCEF



F4F6FF



FFF1FF



# Sweetspot

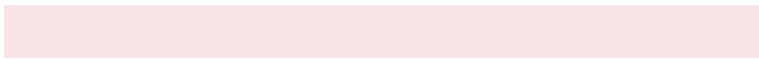
The Sweet Spot groups the original color and five complimentary colors.



F9F8E4



FFFFFF7



F9E4E5



807F7A



000000



808080



# Same Dimension

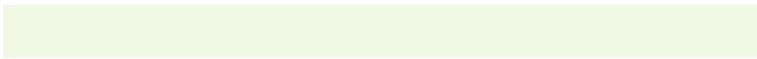
The Same Dimension uses a secret algorithm to generate beautiful new colors.



F9F8E4



FFFEE6



F0F9E4



7D7C70



BDB400



3D3A00



# Inverse Universe

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



E4E5F9



E6E7FF



EDE4F9



70717D



0009BD



00033D



# Previews

## White Background



This preview shows how the Hex color F9F8E4 looks on a white background.

## Color Contrast Check

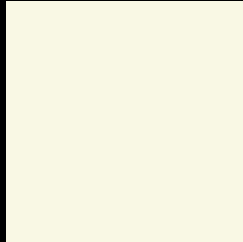
Large Text (above 18pt) WCAG AA × Fail

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 F9F8E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

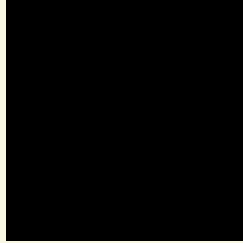
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F9F8E4 Background



This preview shows how black text looks on a background with the Hex color F9F8E4.

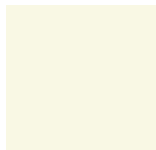
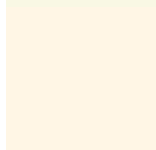
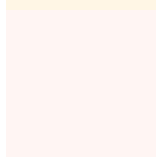


This preview shows how white text looks on a background with the Hex color F9F8E4.

# 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](#).

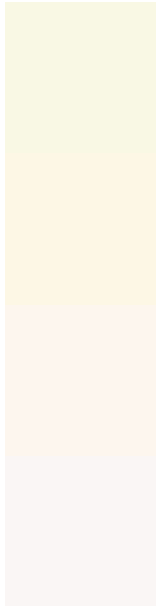
## Dichromacy

	<b>Original Color</b> F9F8E4
	<b>Protanopia</b> FFF6E5
	<b>Deuteranopia</b> FFF5F3



**Tritanopia**  
FBF5FF

# Trichromacy



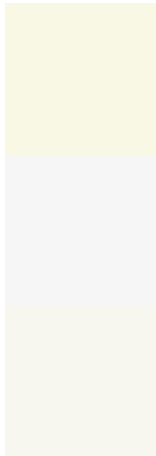
**Original Color**  
F9F8E4

**Protanomaly**  
FDF7E5

**Deuteranomaly**  
FDF6EE

**Tritanomaly**  
FAF6F5

# Monochromacy



**Original Color**  
F9F8E4

**Achromatopsia**  
F6F6F6

**Achromatomaly**  
F7F7EF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F9F8E4 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 #F9F8E4 looks like.

```
.text, #text, p{  
    color:#F9F8E4  
}
```

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 #F9F8E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9F8E4
}
```

## Border

The CSS property to change the border of an element to Hex F9F8E4 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
#F9F8E4 }
```

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

```
.border{ border-color:#F9F8E4 }
```

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

Here you see how a box with a 4 pixel #F9F8E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9F8E4; -webkit-box-shadow:4px 4px  
4px 4px #F9F8E4; box-shadow:4px 4px 4px  
4px #F9F8E4 }
```

# Background

The CSS property to change the background color of an element to Hex F9F8E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9F8E4 }
```

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

```
.background{ background-color:#F9F8E4 }
```

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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