

# Converting Colors

Hex(FFEAF9)

Have a look what the booklet for  
Hex(FFEAF9) contains.

<b>Hex(FFEAF9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(FFEAF9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFAF9
RGB	255, 234, 249
RGB Percent	100%, 92%, 98%
CMY	0.0000, 0.0824, 0.0235
CMYK	0.00, 0.08, 0.02, 0.00
HSL	317°, 100%, 96%
HSV	317°, 8%, 100%
XYZ	87.7617, 86.9452, 101.7791
YIQ	241.9890, 7.7010, 9.1170

# Conversions

## Conversions Part 2

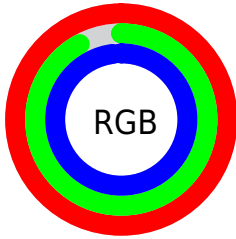
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 234, 249
Decimal	16771833
CIE Lab	94.72, 9.66, -4.66
CIE LCh	95, 10.731, 334.236
Yxy	86.9452, 0.3174, 0.3145
Android (android.graphics.Color)	4294961913 (0xFFFEAF9)
YUV	241.9890, 3.4564, 11.4106
Hunter-Lab	93.2444, 4.8266, 0.5543

# Details

The Hex color **FFEAF9** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **EAFFF0**, and the grayscale version is **F2F2F2**.

A 20% lighter version of the original color is **FFFFFF**, and **C6B2C1** is the 20% darker color. If you saturate the color by 10%, you get **FFD1F2**, and if you desaturate by 10%, it is **FFFFFF**.

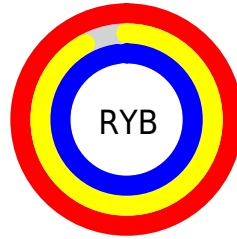
# Distribution



Red (100%)

Green (92%)

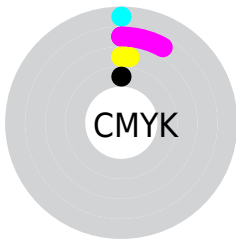
Blue (98%)



Red (100%)

Yellow (92%)

Blue (98%)

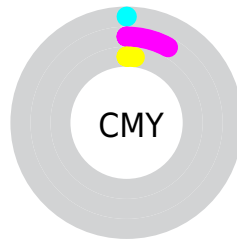


Cyan (0%)

Magenta (8%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFEAF9 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 FFEAF9 by changing the saturation by 10% instead.



 FFEAF9

FFFFFF

 FFEAF9

 E2CEDC

 C6B2C1

 AB98A5

 907E8B

 776572

 5E4D59

 463642

 30202C

 1B0A17

 FFEAF9

 FFEAF9

 FFD1F2

FFFFFF

 FFB7EA

 FF9DE3

 FF84DC

 FF6AD5

 FF51CD

 FF38C6

 FF1EBF

 FF05B7

# Harmonies

## Analogous

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



F4EDFF



FFEAF9



FFE9EF

# Triad

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



FFEAF9



F7F0DB



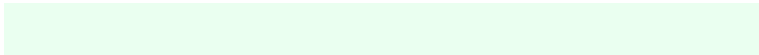
D7F5FB

# Complementary

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



FFEAF9



EAFFFO

# 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.



D8F6F1



FFEAF9



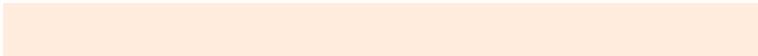
EBF3DF

# Square

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



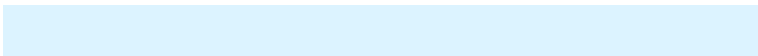
FFEAF9



FFECDD



E0F5E6



DCF3FF

# Rectangle

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



FFEAF9



FFE9E8



E0F5E6



D6F6F8

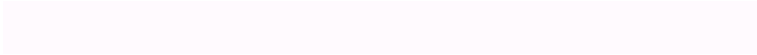


# Sweetspot

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



FFEAF9



FFFAFE



F0EAF9



807D7F



000000



808080



# Same Dimension

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



FFEAF9



FFE6F8



FFEAEF



80737C



BF0089



40002E



# Inverse Universe

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



FFEAF9



FFE6F8



EAFFFA



80737C



BF0089



40002E



# Previews

## White Background



This preview shows how the Hex color FFEAF9 looks on a white background.

## Color Contrast Check

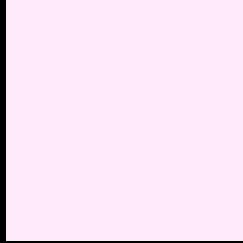
Large Text (above 18pt) WCAG AA × Fail

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 FFEAF9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

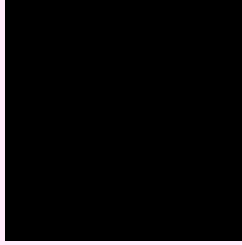
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FFEAF9 Background



This preview shows how black text looks on a background with the Hex color FFEAF9.




This preview shows how white text looks on a background with the Hex color FFEAF9.

# Color Blindness Simulation

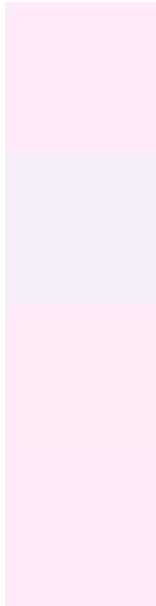
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

	<b>Original Color</b> FFEAF9
	<b>Protanopia</b> F1EEFC
	<b>Deuteranopia</b> FFEAF7



# Trichromacy



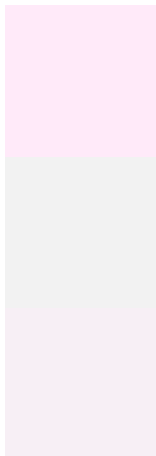
**Original Color**  
FFEAF9

**Protanomaly**  
F6EDFB

**Deuteranomaly**  
FFEAF8

**Tritanomaly**  
FFEAFB

# Monochromacy



**Original Color**  
FFEAF9

**Achromatopsia**  
F2F2F2

**Achromatomaly**  
F7EFF5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFEAF9 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 #FFEAF9 looks like.

```
.text, #text, p{  
    color:#FFEAF9  
}
```

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 #FFEAF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFEAF9
}
```

## Border

The CSS property to change the border of an element to Hex FFEAF9 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
#FFEAF9 }
```

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

```
.border{ border-color:#FFEAF9 }
```

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

Here you see how a box with a 4 pixel #FFEAF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFEAF9; -webkit-box-shadow:4px 4px  
4px 4px #FFEAF9; box-shadow:4px 4px 4px  
4px #FFEAF9 }
```

# Background

The CSS property to change the background color of an element to Hex FFEAF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFEAF9 }
```

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

```
.background{ background-color:#FFEAF9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor