

# Converting Colors

Hex(FFEF9B)

Have a look what the booklet for  
Hex(FFEF9B) contains.

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# **Color**

**Hex(FFEF9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFEF9B
RGB	255, 239, 155
RGB Percent	100%, 94%, 61%
CMY	0.0000, 0.0627, 0.3922
CMYK	0.00, 0.06, 0.39, 0.00
HSL	50°, 100%, 80%
HSV	50°, 39%, 100%
XYZ	78.0229, 85.3596, 43.3741
YIQ	234.2080, 36.5000, -22.7320

# Conversions

## Conversions Part 2

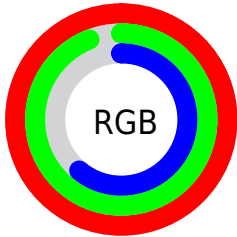
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">174, 255, 155</a>
Decimal	<a href="#">16773019</a>
CIELab	<a href="#">94.04, -6.14, 42.56</a>
CIELCh	<a href="#">94, 43.002, 98.205</a>
Yxy	<a href="#">85.3596, 0.3774, 0.4129</a>
Android (android.graphics.Color)	<a href="#">4294963099</a> ( <a href="#">0xFFFFEF9B</a> )
YUV	<a href="#">234.2080, -39.0495, 18.2346</a>
Hunter-Lab	<a href="#">92.3902, -10.9409, 36.8385</a>

# Details

The Hex color **FFEF9B** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9BABFF**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFFD2**, and **C5B766** is the 20% darker color. If you saturate the color by 10%, you get **FFEB82**, and if you desaturate by 10%, it is **FFF3B4**.

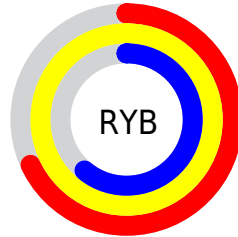
# Distribution



Red (100%)

Green (94%)

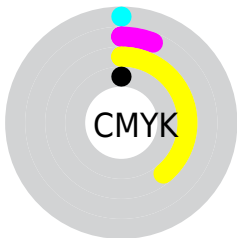
Blue (61%)



Red (68%)

Yellow (100%)

Blue (61%)

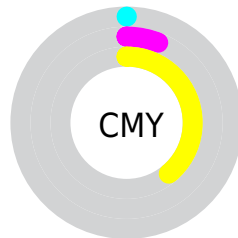


Cyan (0%)

Magenta (6%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFEF9B 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 FFEF9B by changing the saturation by 10% instead.



 FFEF9B

 FFEF9B

FFFFFF

 E2D380

 FFFFD2

 C5B766

 FFFFEF

 A99C4D

 8D8234

 72691B

 585100

 3F3B00

 262500

 071100

 FFEF9B

 FFEF9B

 FFE882

 FFF3B4

 FFE768

 FFF7CE

 FFE34F

 FFFBE8

 FFDF35

FFFFFF

 FFDB1B

 FFD702

 FFD600

# Harmonies

## Analogous

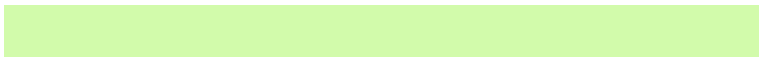
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE1A2



FFE99B



D2FBAB

# Triad

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



FFE99B



5CFFFF



FFD3FF

# Complementary

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



FFE99B



99A9FF

# 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.



FFDFFF



FFEF9B



86FAFF

# Square

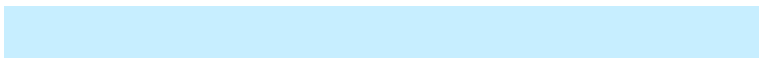
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFEF9B



70FFF8



C7EEFF



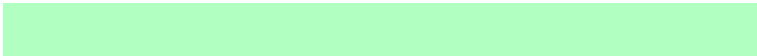
FFCEE4

# Rectangle

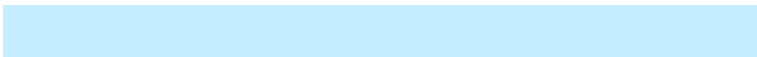
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFE99B



B1FFC1



C7EEFF



FFD6FF



# Sweetspot

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



FFEF9B



FFFAE0



FF9BAC



807D6E



000000



808080



# Same Dimension

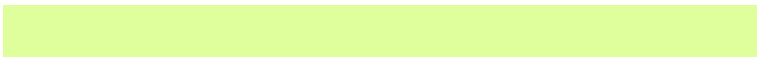
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FFEF9B



FFEC87



DEFF9B



807D73



BFA100



403600



# Inverse Universe

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



9BABFF



879AFF



BC9BFF



737580



001FBF



000A40



# Previews

## White Background



This preview shows how the Hex color FFEF9B looks on a white background.

## Color Contrast Check

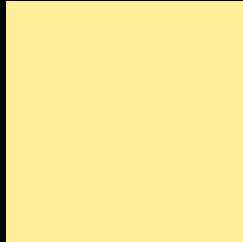
Large Text (above 18pt) WCAG AA × Fail

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 FFEF9B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

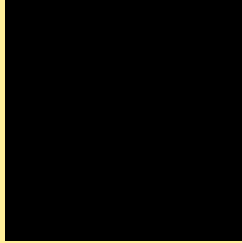
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FFEF9B Background



This preview shows how black text looks on a background with the Hex color FFEF9B.

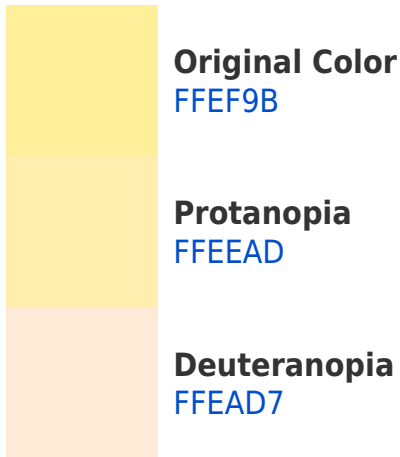


This preview shows how white text looks on a background with the Hex color FFEF9B.

# 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](#).

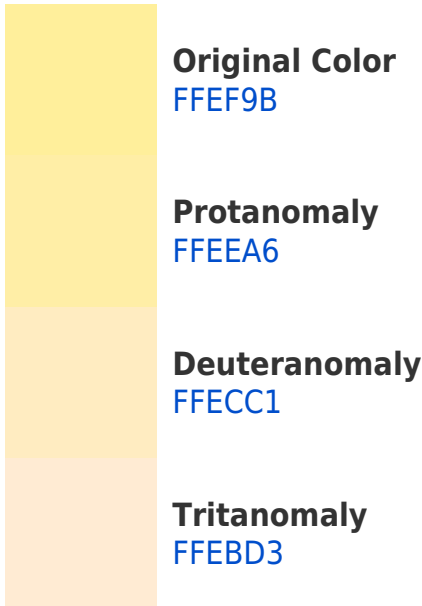
## Dichromacy





**Tritanopia**  
FFE8F3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFEF9B 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 #FFE99B looks like.

```
.text, #text, p{  
    color:#FFE99B  
}
```

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 #FFEF9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFEF9B
}
```

## Border

The CSS property to change the border of an element to Hex FFEF9B 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
#FFEF9B }
```

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

```
.border{ border-color:#FFEF9B }
```

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

Here you see how a box with a 4 pixel #FFEF9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFEF9B; -webkit-box-shadow:4px 4px  
4px 4px #FFEF9B; box-shadow:4px 4px 4px  
4px #FFEF9B }
```

# Background

The CSS property to change the background color of an element to Hex FFEF9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE99B }
```

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

```
.background{ background-color:#FFE99B }
```

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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