

# Converting Colors

Hex(EEEF9B)

Have a look what the booklet for  
Hex(EEEF9B) contains.

<b>Hex(EEEF9B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(EEEF9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEEE9B
RGB	238, 239, 155
RGB Percent	93%, 94%, 61%
CMY	0.0667, 0.0627, 0.3922
CMYK	0.00, 0.00, 0.35, 0.06
HSL	61°, 72%, 77%
HSV	61°, 35%, 94%
XYZ	72.0428, 82.2767, 43.0943
YIQ	229.1250, 26.3680, -26.3360

# Conversions

## Conversions Part 2

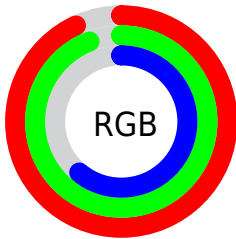
Format	Color
<a href="#">RYB</a>	<a href="#">155, 239, 156</a>
Decimal	<a href="#">15658907</a>
CIELab	<a href="#">92.70, -12.64, 40.57</a>
CIELCh	<a href="#">93, 42.489, 107.303</a>
Yxy	<a href="#">82.2767, 0.3649, 0.4168</a>
Android (android.graphics.Color)	<a href="#">4293848987 (0xFFEEEF9B)</a>
YUV	<a href="#">229.1250, -36.5436, 7.7834</a>
Hunter-Lab	<a href="#">90.7065, -16.9644, 35.3261</a>

# Details

The Hex color **EEEE9B** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9C9BEF**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFD2**, and **B5B767** is the 20% darker color. If you saturate the color by 10%, you get **EEEE83**, and if you desaturate by 10%, it is **EEEFB3**.

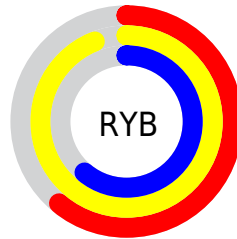
# Distribution



Red (93%)

Green (94%)

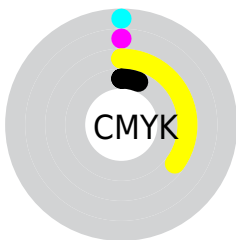
Blue (61%)



Red (61%)

Yellow (94%)

Blue (61%)

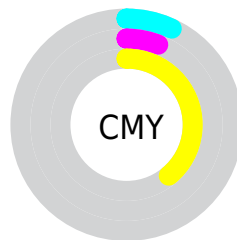


Cyan (0%)

Magenta (0%)

Yellow (35%)

Black (6%)



Cyan (7%)

Magenta (6%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EEEF9B 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 EEEF9B by changing the saturation by 10% instead.



 EEEF9B

 EEEF9B

FFFFFF

 D1D380

 FFFFD2

 B5B767

 FFFFEE

 999C4D

 7E8235

 64691C

 4B5100

 333A00

 1A2500

 001100

 EEEF9B

 EEEF9B

 EEEF83

 EEEFB3

 EDEF6B

 EFEFCB

 EDEF53

 EFEFE3

 EDEF3B

 EFEFFB

 EDEF24

 EFEFFF

 ECEF0C

 F0EFFF

 ECEF00

 F1EFFF

# Harmonies

## Analogous

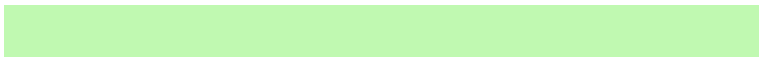
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE29B



EEEF9B



C0F9B1

# Triad

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



EEEE9B



61FCFF



FFCDFD

# Complementary

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



EEEE9B



9C9BEF

# 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.



FFD7FF



EEEE9B



97F3FF

# Square

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



EEEF9B



62FFFF



D7E6FF



FFCCD4

# Rectangle

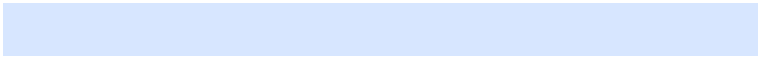
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EEEF9B



9FFEC9



D7E6FF



FFCFFF



# Sweetspot

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



EEEF9B



FFFEE3



EF9B9B



7F806F



000000



808080



# Same Dimension

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



EEEE9B



FEFF94



C5EF9B



78786C



B5B800



373800



# Inverse Universe

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



9C9BEF



9594FF



C59BEF



6C6C78



0200B8

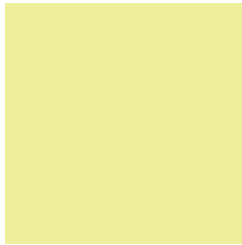


010038



# Previews

## White Background



This preview shows how the Hex color #EEEF9B looks on a white background.

## Color Contrast Check

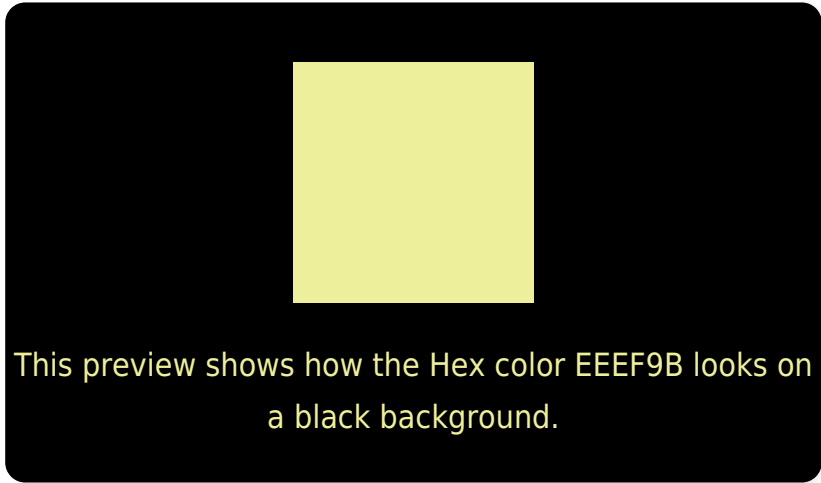
Large Text (above 18pt) WCAG AA × Fail

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

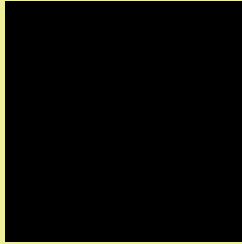
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EEEF9B Background



This preview shows how black text looks on a background with the Hex color EEEF9B.

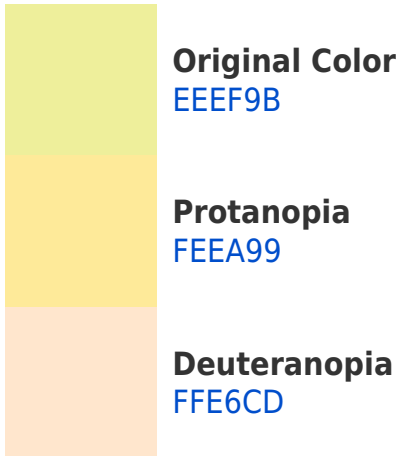


This preview shows how white text looks on a background with the Hex color EEEF9B.

# 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](#).

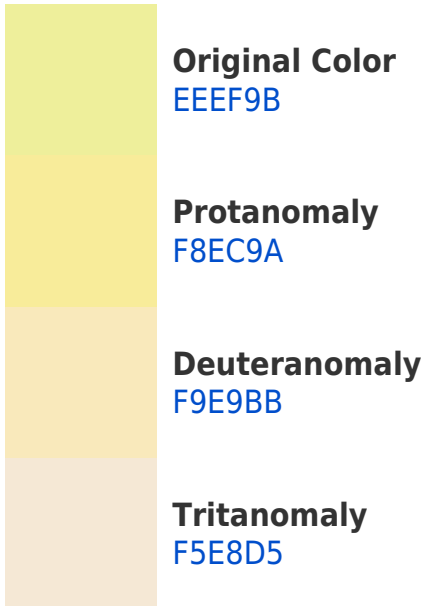
## Dichromacy





**Tritanopia**  
F9E4F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EEEF9B 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 #EEEF9B looks like.

```
.text, #text, p{  
    color:#EEEF9B  
}
```

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 #EEEE9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEEE9B
}
```

## Border

The CSS property to change the border of an element to Hex #EEEE9B 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
#EEEE9B }
```

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

```
.border{ border-color:#EEEF9B }
```

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

Here you see how a box with a 4 pixel #EEEF9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEEF9B; -webkit-box-shadow:4px 4px  
4px 4px #EEEF9B; box-shadow:4px 4px 4px  
4px #EEEF9B }
```

# Background

The CSS property to change the background color of an element to Hex EEEF9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEEF9B }
```

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

```
.background{ background-color:#EEEF9B }
```

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