

# Converting Colors

Hex(E8E8CE)

Have a look what the booklet for  
Hex(E8E8CE) contains.

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# **Color**

**Hex(E8E8CE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E8E8CE
RGB	232, 232, 206
RGB Percent	91%, 91%, 81%
CMY	0.0902, 0.0902, 0.1922
CMYK	0.00, 0.00, 0.11, 0.09
HSL	60°, 36%, 86%
HSV	60°, 11%, 91%
XYZ	73.2759, 79.3253, 69.8418
YIQ	229.0360, 8.3460, -8.0860

# Conversions

## Conversions Part 2

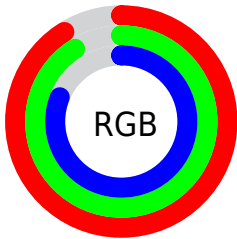
Format	Color
R <sub>Y</sub> B	206, 232, 206
Decimal	15263950
CIE Lab	91.38, -4.38, 12.66
CIE LCh	91, 13.393, 109.090
Yxy	79.3253, 0.3294, 0.3566
Android (android.graphics.Color)	4293454030 (0xFFE8E8CE)
YUV	229.0360, -11.3567, 2.5994
Hunter-Lab	89.0647, -9.0066, 15.8519

# Details

The Hex color **E8E8CE** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **CECEE8**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFFF**, and **B0B098** is the 20% darker color. If you saturate the color by 10%, you get **E8E8B7**, and if you desaturate by 10%, it is **E8E8E5**.

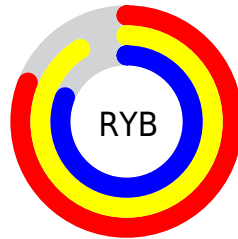
# Distribution



Red (91%)

Green (91%)

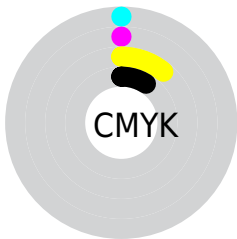
Blue (81%)



Red (81%)

Yellow (91%)

Blue (81%)

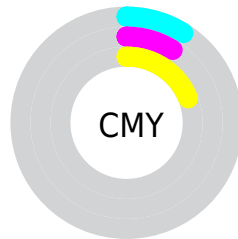


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (9%)



Cyan (9%)

Magenta (9%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8E8CE 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 E8E8CE by changing the saturation by 10% instead.



 E8E8CE

FFFFFF

 E8E8CE

 CCCC82

 B0B098


 96967E

 7C7C65

 63634D

 4B4B36

 343520

 1F1F0A

 000800

 E8E8CE

 E8E8CE

 E8E8B7

 E8E8E5

 E8E8A0

 E8E8FC

 E8E888

 E8E8FF

 E8E871

 E8E85A

 E8E843

 E8E82C

 E8E814

 E8E800

# Harmonies

## Analogous

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



F6E4CD



E8E8CE



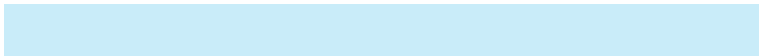
D9ECD5

# Triad

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



E8E8CE



C9ECF9



FEDEEC

# Complementary

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



E8E8CE



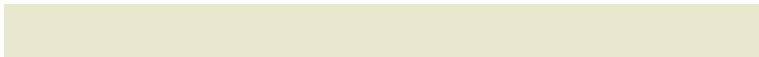
CECEE8

# Split Complementary

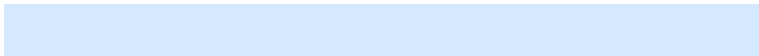
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F3E1F7



E8E8CE



D4E9FF

# Square

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



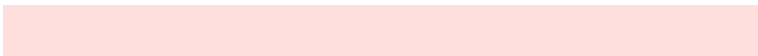
E8E8CE



C6EEEE



E3E5FE



FFDEDE

# Rectangle

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



E8E8CE



D0EDDD



E3E5FE



FBDFF0



# Sweetspot

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



E8E8CE



FFFFF7



E8CECE



80807A



000000



808080



# Same Dimension

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



E8E8CE



FFFFDE



DBE8CE



737367



B3B300



333300



# Inverse Universe

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



CECEE8



DEDEFF



DBCEE8



676773



0000B3

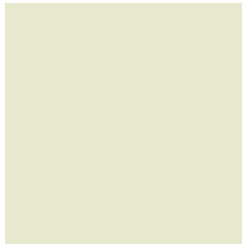


000033



# Previews

## White Background



This preview shows how the Hex color E8E8CE looks on a white background.

## Color Contrast Check

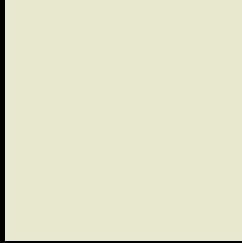
Large Text (above 18pt) WCAG AA × Fail

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 E8E8CE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

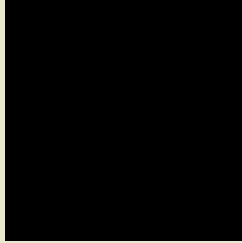
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

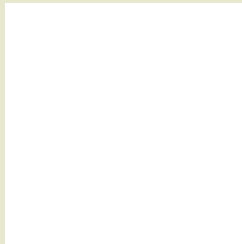
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E8E8CE Background



This preview shows how black text looks on a background with the Hex color E8E8CE.

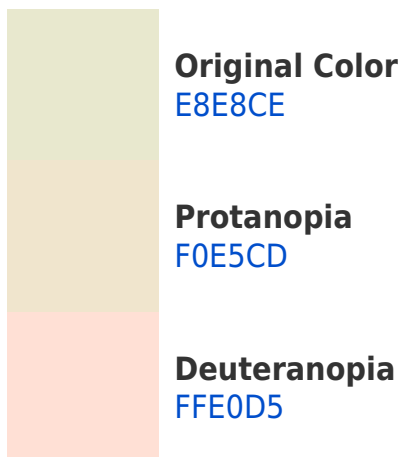


This preview shows how white text looks on a background with the Hex color E8E8CE.

# 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](#).

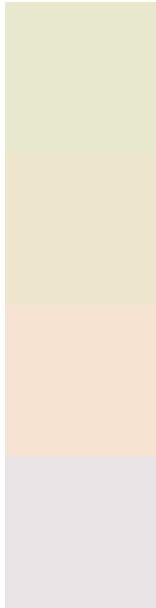
## Dichromacy





**Tritanopia**  
EDE2F4

# Trichromacy



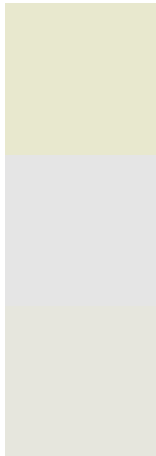
**Original Color**  
E8E8CE

**Protanomaly**  
EDE6CD

**Deuteranomaly**  
F7E3D2

**Tritanomaly**  
EBE4E6

# Monochromacy



**Original Color**  
E8E8CE

**Achromatopsia**  
E5E5E5

**Achromatomaly**  
E6E6DD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8E8CE 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 #E8E8CE looks like.

```
.text, #text, p{  
    color:#E8E8CE  
}
```

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 #E8E8CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8E8CE
}
```

## Border

The CSS property to change the border of an element to Hex E8E8CE 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
#E8E8CE }
```

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

```
.border{ border-color:#E8E8CE }
```

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

Here you see how a box with a 4 pixel #E8E8CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8E8CE; -webkit-box-shadow:4px 4px  
4px 4px #E8E8CE; box-shadow:4px 4px 4px  
4px #E8E8CE }
```

# Background

The CSS property to change the background color of an element to Hex E8E8CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8E8CE }
```

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

```
.background{ background-color:#E8E8CE }
```

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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