

# Converting Colors

Hex(E7EFC3)

Have a look what the booklet for  
Hex(E7EFC3) contains.

<b>Hex(E7EFC3)</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(E7EFC3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7EFC3
RGB	231, 239, 195
RGB Percent	91%, 94%, 76%
CMY	0.0941, 0.0627, 0.2353
CMYK	0.03, 0.00, 0.18, 0.06
HSL	71°, 58%, 85%
HSV	71°, 18%, 94%
XYZ	73.6718, 82.6621, 63.7022
YIQ	231.5920, 9.3560, -15.3800

# Conversions

## Conversions Part 2

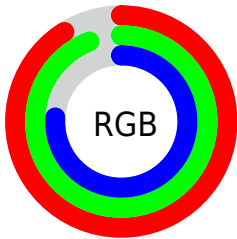
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 239, 203
Decimal	15200195
CIELab	92.87, -9.96, 20.43
CIElCh	93, 22.724, 115.987
Yxy	82.6621, 0.3348, 0.3757
Android (android.graphics.Color)	4293390275 (0xFFE7EFC3)
YUV	231.5920, -18.0399, -0.5192
Hunter-Lab	90.9187, -14.4683, 22.1015

# Details

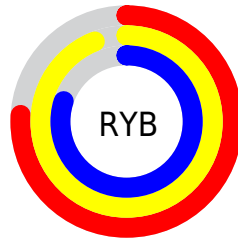
The Hex color **E7EFC3** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **CBC3EF**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFCC**, and **AFB78D** is the 20% darker color. If you saturate the color by 10%, you get **E3EFAB**, and if you desaturate by 10%, it is **EBEFDB**.

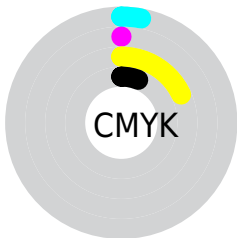
# Distribution



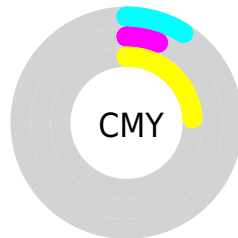
- Red (91%)
- Green (94%)
- Blue (76%)



- Red (76%)
- Yellow (94%)
- Blue (80%)



- Cyan (3%)
- Magenta (0%)
- Yellow (18%)
- Black (6%)



- Cyan (9%)
- Magenta (6%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7EFC3 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 E7EFC3 by changing the saturation by 10% instead.



 E7EFC3

FFFFFF

 FFFFFC

 E7EFC3

 CBD3A8

 AFB78D

 949C74

 7A825B

 616943

 49512C

 323A17

 1E2400

 001000

 E7EFC3

 E7EFC3

 E3EFAB

 EBEFDB

 DEEF93

 F0EFF3

 DAEF7B

 F4EFFF

 D6EF63

 F8EFFF

 D1EF4B

 FDEFFF

 CDEF34

 FFEFFF

 C9EF1C

 C4EF04

 C4EF00

# Harmonies

## Analogous

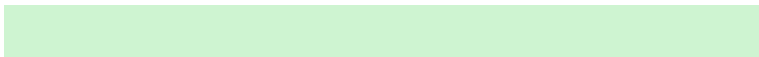
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE8BF



E7EFC3



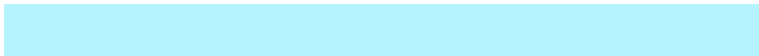
CEF4D1

# Triad

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



E7EFC3



B7F3FF



FFDBEE

# Complementary

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



E7EFC3



CBC3EF

# Split Complementary

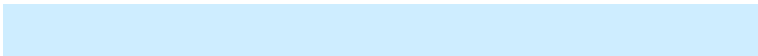
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFDFFF



E7EFC3



CEEDFF

# Square

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



E7EFC3



B0F7FD



EBE6FF



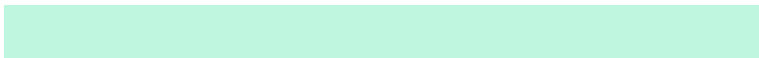
FFDCD8

# Rectangle

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



E7EFC3



BFF6DF



EBE6FF



FFDCF6



# Sweetspot

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



E7EFC3



FCFFF0



EFCAC3



7E8077



000000



808080

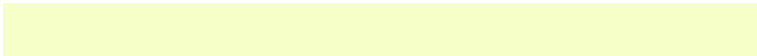


# Same Dimension

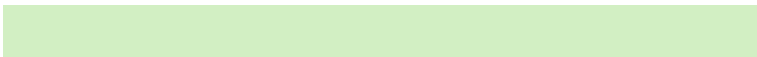
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E7EFC3



F5FFC7



D2EFC3



76786C



96B800



2E3800



# Inverse Universe

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



CBC3EF



D1C7FF



E0C3EF



6E6C78



2100B8

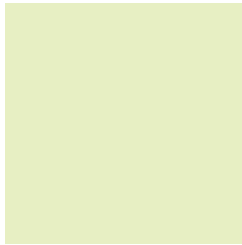


0A0038



# Previews

## White Background



This preview shows how the Hex color E7EFC3 looks on a white background.

## Color Contrast Check

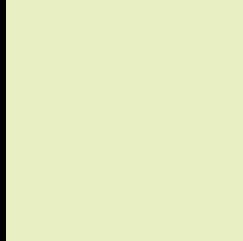
Large Text (above 18pt) WCAG AA × Fail

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 E7EFC3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

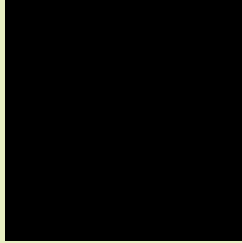
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

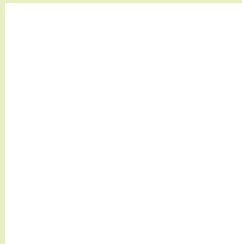
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E7EFC3 Background



This preview shows how black text looks on a background with the Hex color E7EFC3.

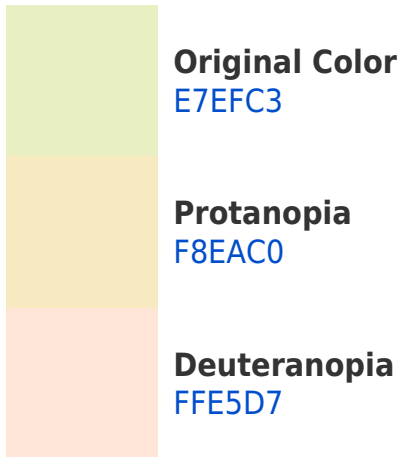


This preview shows how white text looks on a background with the Hex color E7EFC3.

# 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](#).

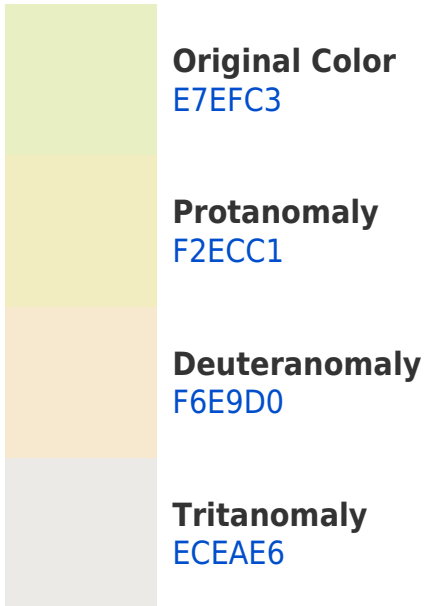
## Dichromacy





**Tritanopia**  
EFE7FA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7EFC3 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 #E7EFC3 looks like.

```
.text, #text, p{  
    color:#E7EFC3  
}
```

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 #E7EFC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7EFC3
}
```

## Border

The CSS property to change the border of an element to Hex E7EFC3 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
#E7EFC3 }
```

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

```
.border{ border-color:#E7EFC3 }
```

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

Here you see how a box with a 4 pixel #E7EFC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7EFC3; -webkit-box-shadow:4px 4px  
4px 4px #E7EFC3; box-shadow:4px 4px 4px  
4px #E7EFC3 }
```

# Background

The CSS property to change the background color of an element to Hex E7EFC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7EFC3 }
```

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

```
.background{ background-color:#E7EFC3 }
```

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