

# Converting Colors

Hex(E8EB6F)

Have a look what the booklet for  
Hex(E8EB6F) contains.

<b>Hex(E8EB6F)</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(E8EB6F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8EB6F
RGB	232, 235, 111
RGB Percent	91%, 92%, 44%
CMY	0.0902, 0.0784, 0.5647
CMYK	0.01, 0.00, 0.53, 0.08
HSL	61°, 76%, 68%
HSV	61°, 53%, 92%
XYZ	65.8563, 77.7202, 26.5694
YIQ	219.9670, 38.0160, -39.2000

# Conversions

## Conversions Part 2

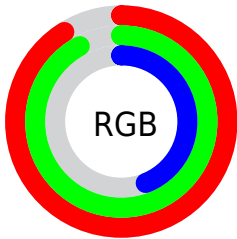
Format	Color
<a href="#">RYB</a>	<a href="#">111, 235, 114</a>
Decimal	<a href="#">15264623</a>
CIELab	<a href="#">90.65, -17.27, 58.90</a>
CIElCh	<a href="#">91, 61.382, 106.336</a>
Yxy	<a href="#">77.7202, 0.3871, 0.4568</a>
Android (android.graphics.Color)	<a href="#">4293454703 (0xFFE8EB6F)</a>
YUV	<a href="#">219.9670, -53.7207, 10.5529</a>
Hunter-Lab	<a href="#">88.1590, -20.9358, 43.8425</a>

# Details

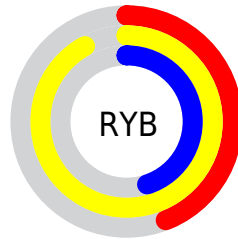
The Hex color **E8EB6F** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **726FEB**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFA6**, and **AEB339** is the 20% darker color. If you saturate the color by 10%, you get **E7EB58**, and if you desaturate by 10%, it is **E9EB87**.

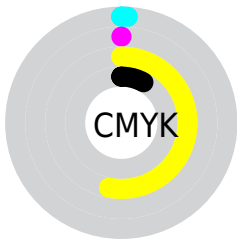
# Distribution



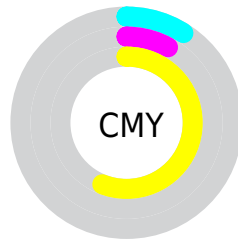
- Red (91%)
- Green (92%)
- Blue (44%)



- Red (44%)
- Yellow (92%)
- Blue (45%)



- Cyan (1%)
- Magenta (0%)
- Yellow (53%)
- Black (8%)



- Cyan (9%)
- Magenta (8%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8EB6F 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 E8EB6F by changing the saturation by 10% instead.



 E8EB6F

 E8EB6F

FFFFFF

 CBCF54

 FFFFA6

 AEB339

 FFFFC2

 92991B

 FFFFDF

 767F00

 FFFFFC

 5B6600

 414E00

 273700

 0D2200

 000400

 E8EB6F

 E8EB6F

 E7EB58

 E9EB87

 E7EB40

 E9EB9E

 E6EB29

 EAEBB6

 E6EB11

 EAEBCD

 E5EB00

 EBEBE4

 EBEBFC

 ECEBFF

 EDEBFF

# Harmonies

## Analogous

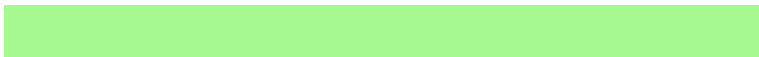
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD770



E8EB6F



A5F990

# Triad

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



E8EB6F



00FEFF



FFB6FF

# Complementary

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



E8EB6F



726FEB

# 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.



FFC8FF



E8EB6F



00F2FF

# Square

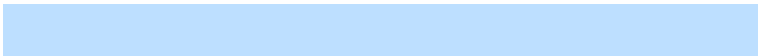
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E8EB6F



00FFFF



BDDFFF



FFB4C6

# Rectangle

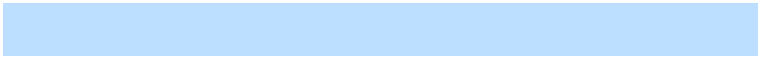
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E8EB6F



6CFFB3



BDDFFF



FFBBFF



# Sweetspot

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



E8EB6F



FEFFD6



EB716F



7F8067



000000



808080



# Same Dimension

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



E8EB6F



FBFF5E



ABEB6F



75756A



B1B500



343600



# Inverse Universe

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



726FEB



625EFF



AF6FEB



6A6A75



0400B5

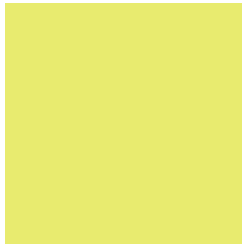


010036



# Previews

## White Background



This preview shows how the Hex color E8EB6F looks on a white background.

## Color Contrast Check

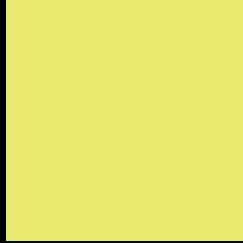
Large Text (above 18pt) WCAG AA × Fail

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 E8EB6F 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 E8EB6F Background



This preview shows how black text looks on a background with the Hex color E8EB6F.

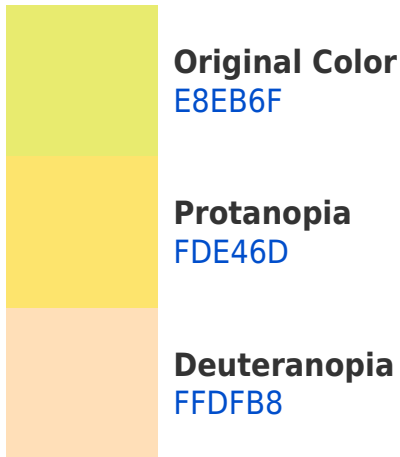


This preview shows how white text looks on a background with the Hex color E8EB6F.

# 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](#).

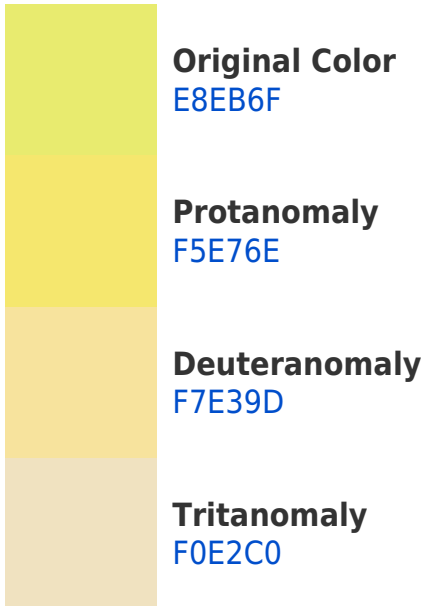
## Dichromacy



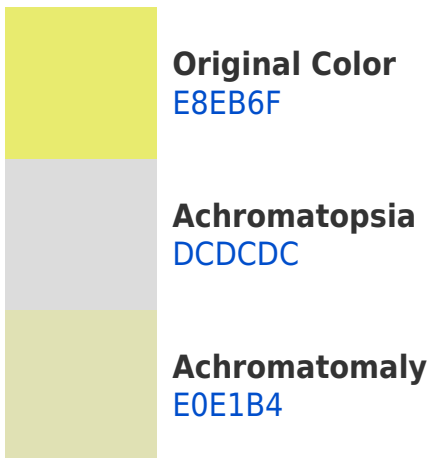


**Tritanopia**  
F5DDEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8EB6F 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 #E8EB6F looks like.

```
.text, #text, p{  
    color:#E8EB6F  
}
```

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 #E8EB6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8EB6F
}
```

## Border

The CSS property to change the border of an element to Hex E8EB6F 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
#E8EB6F }
```

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

```
.border{ border-color:#E8EB6F }
```

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

Here you see how a box with a 4 pixel #E8EB6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8EB6F; -webkit-box-shadow:4px 4px  
4px 4px #E8EB6F; box-shadow:4px 4px 4px  
4px #E8EB6F }
```

# Background

The CSS property to change the background color of an element to Hex E8EB6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8EB6F }
```

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

```
.background{ background-color:#E8EB6F }
```

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