

# Converting Colors

Hex(EFF6A8)

Have a look what the booklet for  
Hex(EFF6A8) contains.

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# **Color**

**Hex(EFF6A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFF6A8
RGB	239, 246, 168
RGB Percent	94%, 96%, 66%
CMY	0.0627, 0.0353, 0.3412
CMYK	0.03, 0.00, 0.32, 0.04
HSL	65°, 81%, 81%
HSV	65°, 32%, 96%
XYZ	75.6203, 87.0894, 49.8701
YIQ	235.0150, 20.8660, -25.7420

# Conversions

## Conversions Part 2

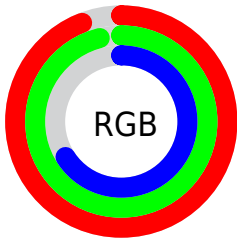
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 246, 175
Decimal	15726248
CIELab	94.78, -14.18, 36.83
CIELCh	95, 39.461, 111.053
Yxy	87.0894, 0.3557, 0.4097
Android (android.graphics.Color)	4293916328 (0xFFEFF6A8)
YUV	235.0150, -33.0384, 3.4948
Hunter-Lab	93.3217, -18.6712, 33.6413

# Details

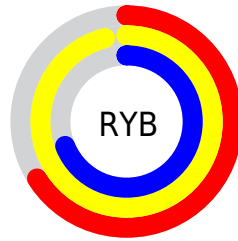
The Hex color **EFF6A8** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **AFA8F6**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFFE0**, and **B6BE73** is the 20% darker color. If you saturate the color by 10%, you get **EDF68F**, and if you desaturate by 10%, it is **F1F6C1**.

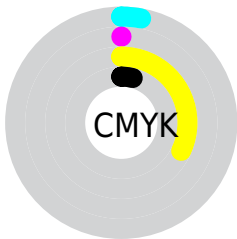
# Distribution



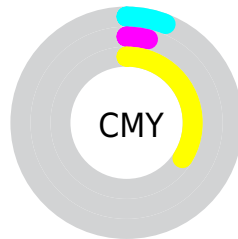
- Red (94%)
- Green (96%)
- Blue (66%)



- Red (66%)
- Yellow (96%)
- Blue (69%)



- Cyan (3%)
- Magenta (0%)
- Yellow (32%)
- Black (4%)



- Cyan (6%)
- Magenta (4%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EFF6A8 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 EFF6A8 by changing the saturation by 10% instead.



 EFF6A8

FFFFFF

 FFFFFE0

FFFFFFD

 EFF6A8

 D2DA8D

 B6BE73

 9BA35A

 808941

 666F29

 4D5710

 354000

 1D2A00

 001700

 EFF6A8

 EFF6A8

 EDF68F

 F1F6C1

 EBF677

 F3F6D9

 E8F65E

 F6F6F2

 E6F646

 F8F6FF

 E4F62D

 FAF6FF

 E2F614

 FCF6FF

 E0F600

 FEF6FF

 FFF6FF

# Harmonies

## Analogous

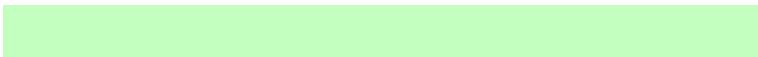
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEAA5



EFF6A8



C3FFBF

# Triad

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



EFF6A8



7EFFFF



FFD5FD

# Complementary

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



EFF6A8



AFA8F6

# 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.



FFDDFF



EFF6A8



ADF7FF

# Square

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



EFF6A8



77FFFF



E5EAFF



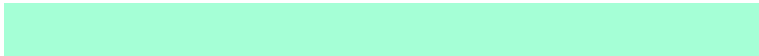
FFD5D6

# Rectangle

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



EFF6A8



A5FFD6



E5EAFF



FFD7FF



# Sweetspot

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



EFF6A8



FDFFE6



F6AFA8



7E8070



000000



808080



# Same Dimension

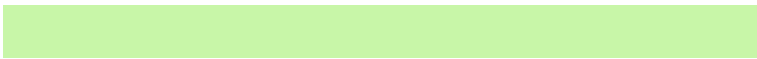
The Same Dimension uses a secret algorithm to generate beautiful new colors.



EFF6A8



F6FF9E



C8F6A8



797A6E



A9BA00



353B00



# Inverse Universe

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



AFA8F6



A79EFF



D5A8F6



6F6E7A



1100BA

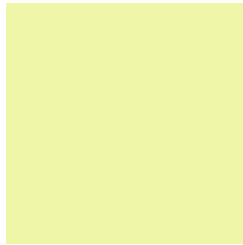


05003B



# Previews

## White Background



This preview shows how the Hex color #EFF6A8 looks on a white background.

## Color Contrast Check

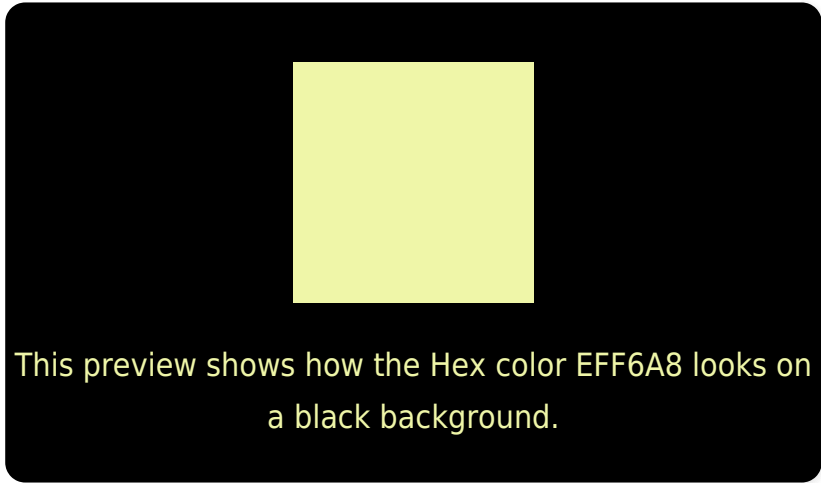
Large Text (above 18pt) WCAG AA × Fail

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

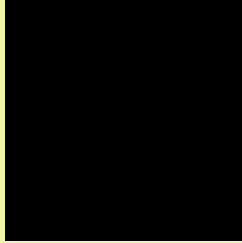
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EFF6A8 Background



This preview shows how black text looks on a background with the Hex color EFF6A8.

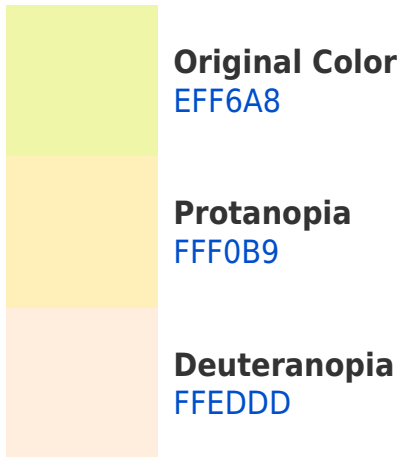


This preview shows how white text looks on a background with the Hex color EFF6A8.

# Color Blindness Simulation

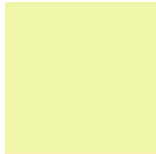
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

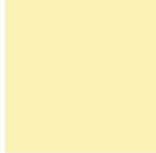




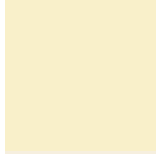
# Trichromacy



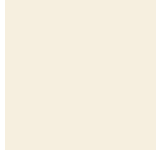
**Original Color**  
EFF6A8



**Protanomaly**  
F9F2B3

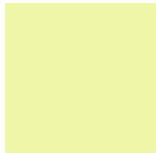


**Deuteranomaly**  
F9F0CA

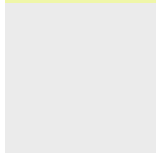


**Tritanomaly**  
F6EFD3

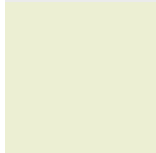
# Monochromacy



**Original Color**  
EFF6A8



**Achromatopsia**  
EBEBEB



**Achromatomaly**  
ECEF33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EFF6A8 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 #EFF6A8 looks like.

```
.text, #text, p{  
    color:#EFF6A8  
}
```

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 #EFF6A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EFF6A8
}
```

## Border

The CSS property to change the border of an element to Hex EFF6A8 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
#EFF6A8 }
```

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

```
.border{ border-color:#EFF6A8 }
```

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

Here you see how a box with a 4 pixel #EFF6A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EFF6A8; -webkit-box-shadow:4px 4px  
4px 4px #EFF6A8; box-shadow:4px 4px 4px  
4px #EFF6A8 }
```

# Background

The CSS property to change the background color of an element to Hex EFF6A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EFF6A8 }
```

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

```
.background{ background-color:#EFF6A8 }
```

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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