

# Converting Colors

Hex(EFF7AD)

Have a look what the booklet for  
Hex(EFF7AD) contains.

<b>Hex(EFF7AD)</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(EFF7AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFF7AD
RGB	239, 247, 173
RGB Percent	94%, 97%, 68%
CMY	0.0627, 0.0314, 0.3216
CMYK	0.03, 0.00, 0.30, 0.03
HSL	66°, 82%, 82%
HSV	66°, 30%, 97%
XYZ	76.4002, 87.8894, 52.4728
YIQ	236.1720, 18.9860, -24.7100

# Conversions

## Conversions Part 2

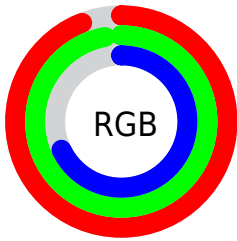
<b>Format</b>	<b>Color</b>
<b>RYB</b>	173, 247, 181
Decimal	15726509
CIELab	95.11, -14.05, 34.77
CIELCh	95, 37.503, 111.995
Yxy	87.8894, 0.3525, 0.4055
Android (android.graphics.Color)	4293916589 (0xFFEFF7AD)
YUV	236.1720, -31.1438, 2.4802
Hunter-Lab	93.7493, -18.5943, 32.4391

# Details

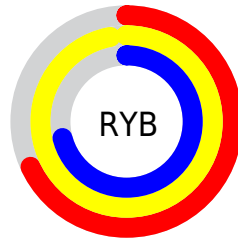
The Hex color **EFF7AD** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **B5ADF7**, and the grayscale version is **ECECEC**.

A 20% lighter version of the original color is **FFFFE5**, and **B6BF78** is the 20% darker color. If you saturate the color by 10%, you get **ECF794**, and if you desaturate by 10%, it is **F2F7C6**.

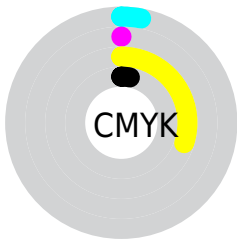
# Distribution



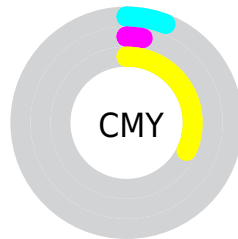
- Red (94%)
- Green (97%)
- Blue (68%)



- Red (68%)
- Yellow (97%)
- Blue (71%)



- Cyan (3%)
- Magenta (0%)
- Yellow (30%)
- Black (3%)



- Cyan (6%)
- Magenta (3%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EFF7AD 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 EFF7AD by changing the saturation by 10% instead.



 EFF7AD

 EFF7AD

FFFFFF

 D2DB92

 FFFFE5

 B6BF78


 9BA45E

 808946

 66702E

 4D5816

 354000

 1E2A00

 001700

 EFF7AD

 EFF7AD

 ECF794

 F2F7C6

 EAF77C

 F4F7DE

 E7F763

 F7F7F7

 E4F74A

 FAF7FF

 E2F732

 FCF7FF

 DFF719

 FFF7FF

 DCF700

# Harmonies

## Analogous

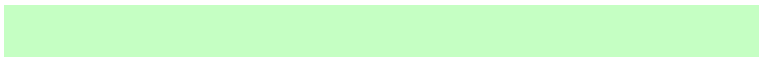
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEBA9



EFF7AD



C5FFC3

# Triad

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



EFF7AD



89FFFF



FFD7FC

# Complementary

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



EFF7AD



B5ADF7

# 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



EFF7AD



B4F7FF

# Square

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



EFF7AD



81FFFF



E9EBFF



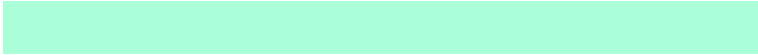
FFD7D7

# Rectangle

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



EFF7AD



AAFFD9



E9EBFF



FFD9FF



# Sweetspot

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



EFF7AD



FDFFE8



F7B4AD



7E8071



000000

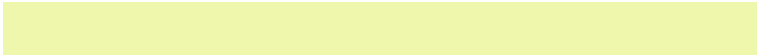


808080



# Same Dimension

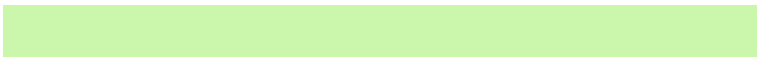
The Same Dimension uses a secret algorithm to generate beautiful new colors.



EFF7AD



F5FFA3



CBF7AD



797A6E



A6BA00



343B00



# Inverse Universe

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



B5ADF7



ADA3FF



D9ADF7



6F6E7A



1400BA

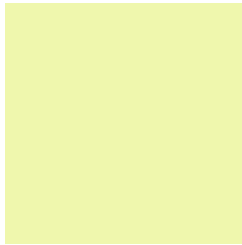


06003B



# Previews

## White Background



This preview shows how the Hex color EFF7AD looks on a white background.

## Color Contrast Check

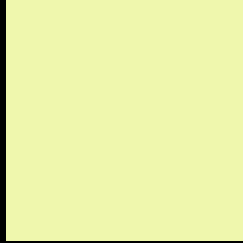
Large Text (above 18pt) WCAG AA × Fail

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 EFF7AD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

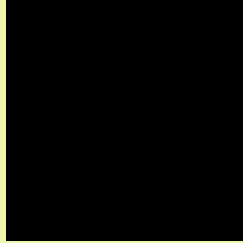
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EFF7AD Background



This preview shows how black text looks on a background with the Hex color EFF7AD.

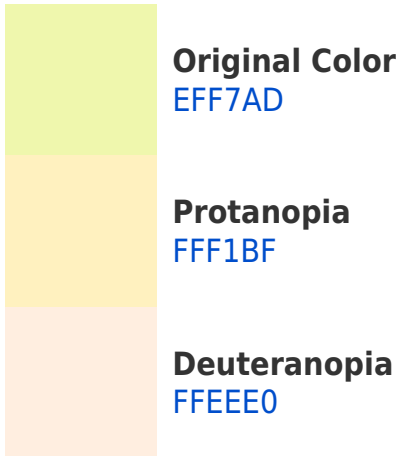


This preview shows how white text looks on a background with the Hex color EFF7AD.

# 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



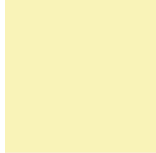


**Tritanopia**  
F9EDFF

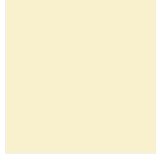
# Trichromacy



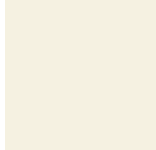
**Original Color**  
EFF7AD



**Protanomaly**  
F9F3B8

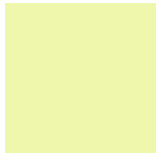


**Deuteranomaly**  
F9F1CD

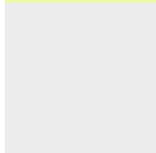


**Tritanomaly**  
F5F1E1

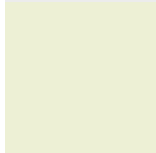
# Monochromacy



**Original Color**  
EFF7AD



**Achromatopsia**  
ECECEC



**Achromatomaly**  
EDF0D5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EFF7AD 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 #EFF7AD looks like.

```
.text, #text, p{  
    color:#EFF7AD  
}
```

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 #EFF7AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EFF7AD }  
}
```

## Border

The CSS property to change the border of an element to Hex EFF7AD 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 #EFF7AD }  
}
```

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

```
.border{ border-color:#EFF7AD }
```

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

Here you see how a box with a 4 pixel #EFF7AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EFF7AD; -webkit-box-shadow:4px 4px  
4px 4px #EFF7AD; box-shadow:4px 4px 4px  
4px #EFF7AD }
```

# Background

The CSS property to change the background color of an element to Hex EFF7AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EFF7AD }
```

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

```
.background{ background-color:#EFF7AD }
```

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