

# Converting Colors

Hex(EAF4A4)

Have a look what the booklet for  
Hex(EAF4A4) contains.

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# Color

**Hex(EAF4A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA4A4
RGB	234, 244, 164
RGB Percent	92%, 96%, 64%
CMY	0.0824, 0.0431, 0.3569
CMYK	0.04, 0.00, 0.33, 0.04
HSL	68°, 78%, 80%
HSV	68°, 33%, 96%
XYZ	72.9832, 84.8741, 47.6577
YIQ	231.8900, 19.7200, -27.0000

# Conversions

## Conversions Part 2

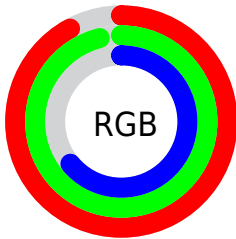
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 244, 174
Decimal	15398052
CIELab	93.83, -15.54, 37.51
CIELCh	94, 40.600, 112.507
Yxy	84.8741, 0.3551, 0.4130
Android (android.graphics.Color)	4293588132 (0xFFEAF4A4)
YUV	231.8900, -33.4698, 1.8505
Hunter-Lab	92.1272, -19.8147, 33.8181

# Details

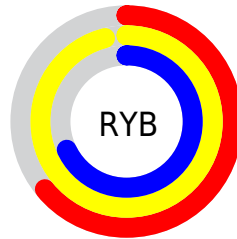
The Hex color **EAF4A4** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **AEA4F4**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFDC**, and **B1BC6F** is the 20% darker color. If you saturate the color by 10%, you get **E7F48C**, and if you desaturate by 10%, it is **EDF4BC**.

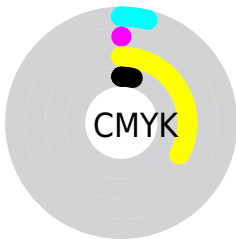
# Distribution



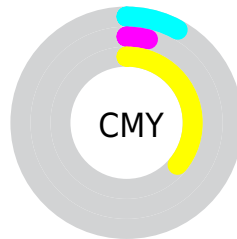
- Red (92%)
- Green (96%)
- Blue (64%)



- Red (64%)
- Yellow (96%)
- Blue (68%)



- Cyan (4%)
- Magenta (0%)
- Yellow (33%)
- Black (4%)



- Cyan (8%)
- Magenta (4%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EAF4A4 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 EAF4A4 by changing the saturation by 10% instead.



 EAF4A4

 EAF4A4

FFFFFF

 CDD889

 FFFFDC

 B1BC6F


 FFFFF8

 96A156

 7B873D

 616D25

 48550B

 313E00

 192800

 001500

 EAF4A4

 EAF4A4

 E7F48C

 EDF4BC

 E4F473

 F0F4D5

 E1F45B

 F3F4ED

 DEF442

 F6F4FF

 DBF42A

 F9F4FF

 D8F412

 FCF4FF

 D5F400

 FFF4FF

# Harmonies

## Analogous

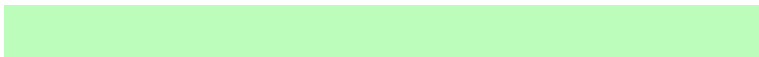
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE7A0



EAF4A4



BDFDBC

# Triad

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



EAF4A4



77FEFF



FFD1F9

# Complementary

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



EAF4A4



AEA4F4

# Split Complementary

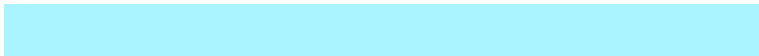
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD9FF



EAF4A4



AAF4FF

# Square

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



EAF4A4



6DFFFF



E5E7FF



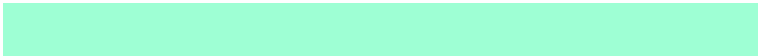
FFD1D1

# Rectangle

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



EAF4A4



9EFFD4



E5E7FF



FFD3FF



# Sweetspot

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



EAF4A4



FCFFE6



F4ADA4



7E8070



000000



808080



# Same Dimension

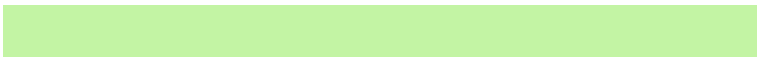
The Same Dimension uses a secret algorithm to generate beautiful new colors.



EAF4A4



F3FF9C



C3F4A4



797A6E



A3BA00



333B00



# Inverse Universe

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



AEA4F4



A89CFF



D5A4F4



706E7A



1700BA

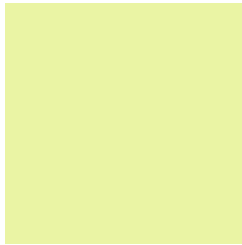


07003B



# Previews

## White Background



This preview shows how the Hex color EAF4A4 looks on a white background.

## Color Contrast Check

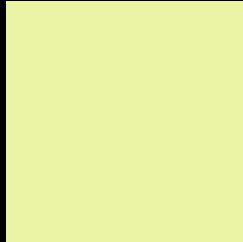
Large Text (above 18pt) WCAG AA × Fail

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 EAF4A4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

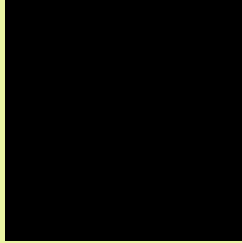
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

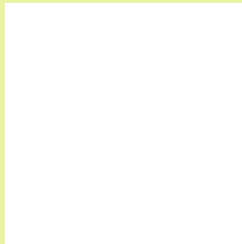
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EAF4A4 Background



This preview shows how black text looks on a background with the Hex color EAF4A4.

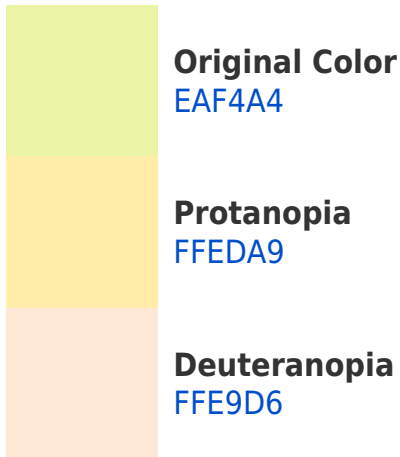


This preview shows how white text looks on a background with the Hex color EAF4A4.

# 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](#).

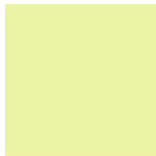
## Dichromacy



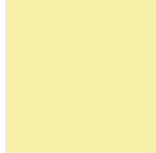


**Tritanopia**  
F5E9FB

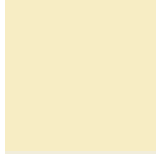
# Trichromacy



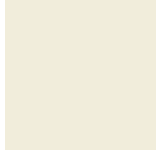
**Original Color**  
EAF4A4



**Protanomaly**  
F7F0A7

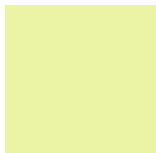


**Deuteranomaly**  
F7EDC4

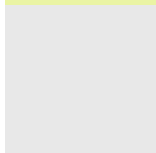


**Tritanomaly**  
F1EDDB

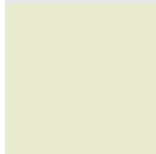
# Monochromacy



**Original Color**  
EAF4A4



**Achromatopsia**  
E8E8E8



**Achromatomaly**  
E9ECCF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EAF4A4 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 #EAF4A4 looks like.

```
.text, #text, p{  
    color:#EAF4A4  
}
```

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 #EAF4A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAF4A4
}
```

## Border

The CSS property to change the border of an element to Hex EAF4A4 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
#EAF4A4 }
```

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

```
.border{ border-color:#EAF4A4 }
```

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

Here you see how a box with a 4 pixel #EAF4A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAF4A4; -webkit-box-shadow:4px 4px  
4px 4px #EAF4A4; box-shadow:4px 4px 4px  
4px #EAF4A4 }
```

# Background

The CSS property to change the background color of an element to Hex EAF4A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAF4A4 }
```

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

```
.background{ background-color:#EAF4A4 }
```

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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