

# Converting Colors

Hex(E3E7AF)

Have a look what the booklet for  
Hex(E3E7AF) contains.

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# Color

Hex(E3E7AF)

# Conversions

## Conversions Part 1

Format	Color
Hex	E3E7AF
RGB	227, 231, 175
RGB Percent	89%, 91%, 69%
CMY	0.1098, 0.0941, 0.3137
CMYK	0.02, 0.00, 0.24, 0.09
HSL	64°, 54%, 80%
HSV	64°, 24%, 91%
XYZ	67.9923, 76.5779, 51.7549
YIQ	223.4200, 15.5920, -18.2640

# Conversions

## Conversions Part 2

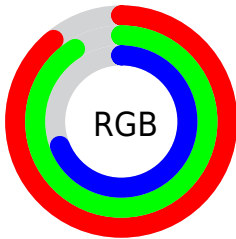
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 231, 179
Decimal	14935983
CIELab	90.13, -10.27, 26.89
CIELCh	90, 28.787, 110.900
Yxy	76.5779, 0.3463, 0.3901
Android (android.graphics.Color)	4293126063 (0xFFE3E7AF)
YUV	223.4200, -23.8711, 3.1397
Hunter-Lab	87.5088, -14.4499, 26.1906

# Details

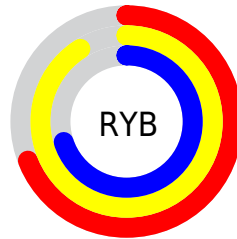
The Hex color **E3E7AF** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **B3AFE7**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFE7**, and **ABAF7A** is the 20% darker color. If you saturate the color by 10%, you get **E1E798**, and if you desaturate by 10%, it is **E5E7C6**.

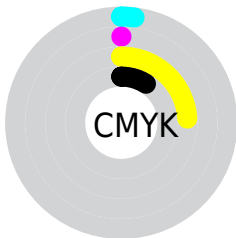
# Distribution



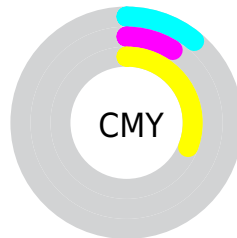
- Red (89%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (70%)



- Cyan (2%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3E7AF 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 E3E7AF by changing the saturation by 10% instead.



 E3E7AF

FFFFFF

 FFFFE7

 E3E7AF

 C7CB94

 ABAF7A

 909561

 767B49

 5D6231

 444A1B

 2D3403

 171F00

 000100

 E3E7AF

 E3E7AF

 E1E798

 E5E7C6

 E0E781

 E6E7DD

 DEE76A

 E8E7F4

 DCE753

 EAE7FF

 DBE73B

 EBE7FF

 D9E724

 EDE7FF

 D7E70D

 EFE7FF

 D7E700

 F0E7FF

 F2E7FF

# Harmonies

## Analogous

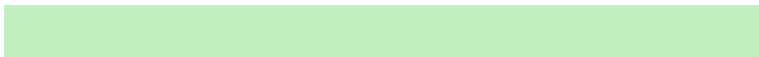
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDEAD



E3E7AF



C3EEBF

# Triad

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



E3E7AF



9AEFFF



FFD0EC

# Complementary

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



E3E7AF



B3AFE7

# Split Complementary

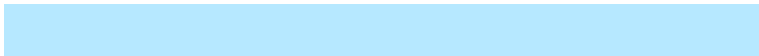
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FED5FF



E3E7AF



B6E8FF

# Square

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



E3E7AF



95F2F5



DCDFFF



FFD0D0

# Rectangle

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



E3E7AF



AFF1D0



DCDFFF



FFD1F5



# Sweetspot

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



E3E7AF



FEFFED



E7B3AF



7F8075



000000



808080



# Same Dimension

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



E3E7AF



FAFFB5



C7E7AF



727367



A6B300



2F3300



# Inverse Universe

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



B3AFE7



BAB5FF



CFAFE7



686773



0D00B3

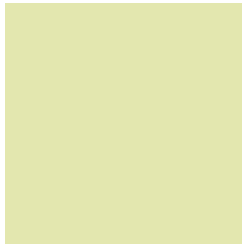


040033



# Previews

## White Background



This preview shows how the Hex color E3E7AF looks on a white background.

## Color Contrast Check

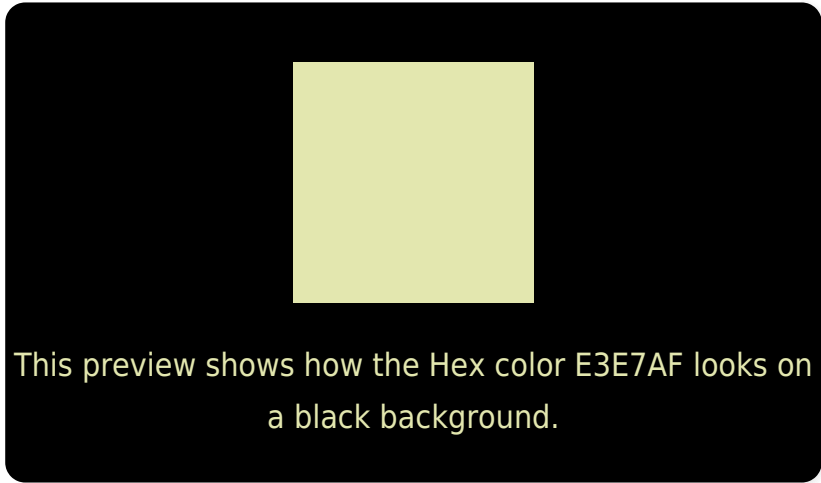
Large Text (above 18pt) WCAG AA × Fail

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

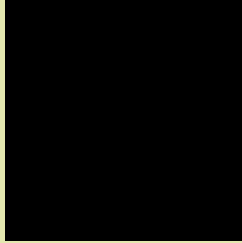
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E3E7AF Background



This preview shows how black text looks on a background with the Hex color E3E7AF.

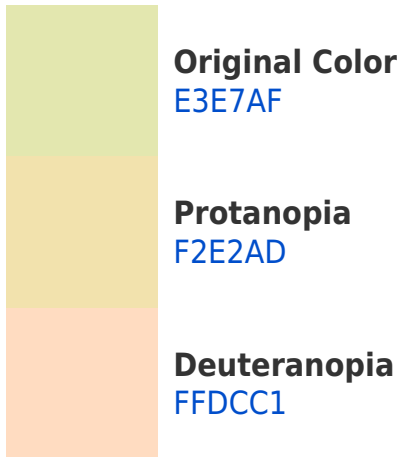


This preview shows how white text looks on a background with the Hex color E3E7AF.

# Color Blindness Simulation

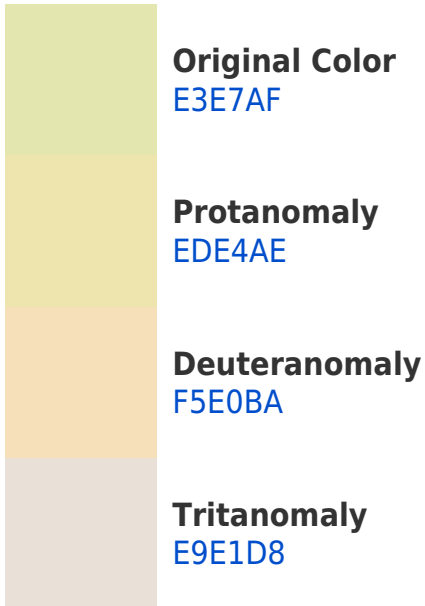
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

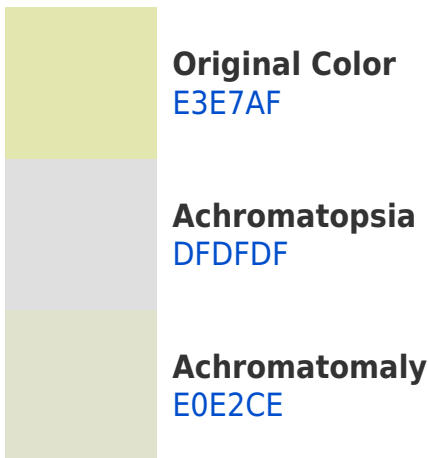




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3E7AF 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 #E3E7AF looks like.

```
.text, #text, p{  
    color:#E3E7AF  
}
```

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 #E3E7AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3E7AF }  
}
```

## Border

The CSS property to change the border of an element to Hex E3E7AF 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 #E3E7AF }  
}
```

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

```
.border{ border-color:#E3E7AF }
```

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

Here you see how a box with a 4 pixel #E3E7AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3E7AF; -webkit-box-shadow:4px 4px  
4px 4px #E3E7AF; box-shadow:4px 4px 4px  
4px #E3E7AF }
```

# Background

The CSS property to change the background color of an element to Hex E3E7AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3E7AF }
```

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

```
.background{ background-color:#E3E7AF }
```

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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