

# Converting Colors

Hex(E3AF7A)

Have a look what the booklet for  
Hex(E3AF7A) contains.

<b>Hex(E3AF7A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E3AF7A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E3AF7A
RGB	227, 175, 122
RGB Percent	89%, 69%, 48%
CMY	0.1098, 0.3137, 0.5216
CMYK	0.00, 0.23, 0.46, 0.11
HSL	30°, 65%, 68%
HSV	30°, 46%, 89%
XYZ	50.5214, 48.3960, 25.0909
YIQ	184.5060, 48.0050, -5.4590

# Conversions

## Conversions Part 2

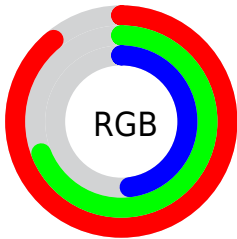
Format	Color
<a href="#">RYB</a>	<a href="#">225, 227, 122</a>
Decimal	<a href="#">14921594</a>
CIELab	<a href="#">75.07, 12.47, 34.41</a>
CIELCh	<a href="#">75, 36.596, 70.086</a>
Yxy	<a href="#">48.3960, 0.4074, 0.3903</a>
Android (android.graphics.Color)	<a href="#">4293111674</a> ( <a href="#">0xFFE3AF7A</a> )
YUV	<a href="#">184.5060, -30.8155, 37.2672</a>
Hunter-Lab	<a href="#">69.5672, 7.8883, 27.3128</a>

# Details

The Hex color **E3AF7A** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7AAEE3**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFE7AF**, and **A97B48** is the 20% darker color. If you saturate the color by 10%, you get **E3A463**, and if you desaturate by 10%, it is **E3BA91**.

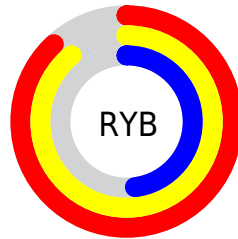
# Distribution



Red (89%)

Green (69%)

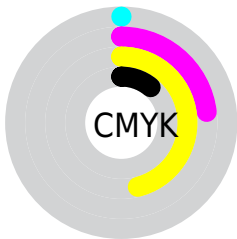
Blue (48%)



Red (88%)

Yellow (89%)

Blue (48%)

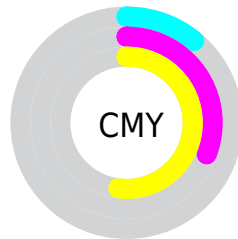


Cyan (0%)

Magenta (23%)

Yellow (46%)

Black (11%)



Cyan (11%)

Magenta (31%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3AF7A 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 E3AF7A by changing the saturation by 10% instead.



 E3AF7A

 E3AF7A

FFFFFF

 C69461

 FFE7AF

 A97B48

 FFFFCB

 8D6231

 FFFFEE

 724A1A

 573301

 3E1E00

 250800

 000000

 E3AF7A

 E3AF7A

 E3A463

 E3BA91

 E3994D

 E3C5A7

 E38D36

 E3D1BE

 E3821F

 E3DCD5

 E37709

 E3E7EB

 E37300

 E3F2FF

 E3FEFF

 E3FFFF

# Harmonies

## Analogous

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



F7A48F



E3AF7A



C4BA76

# Triad

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



E3AF7A



4ECBC3



CCACED

# Complementary

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



E3AF7A



7AAEE3

# 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.



9CB8FB



E3AF7A



3FC9E3

# Square

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



E3AF7A



77C9A1



66C3F7



EDA2D1

# Rectangle

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



E3AF7A



ACC17E



66C3F7



BDB0F3

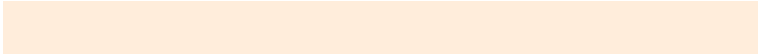


# Sweetspot

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



E3AF7A



FFEDDB



E37AAE



80756A



000000



808080



# Same Dimension

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



E3AF7A



FFB870



E3E37A



736D67



B35A00



331A00

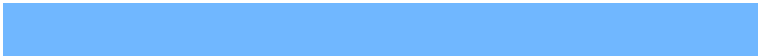


# Inverse Universe

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



7AAEE3



70B7FF



7A7AE3



676D73



0058B3



001933



# Previews

## White Background



This preview shows how the Hex color E3AF7A looks on a white background.

## Color Contrast Check

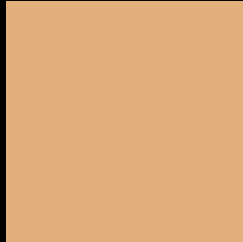
Large Text (above 18pt) WCAG AA × Fail

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 E3AF7A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

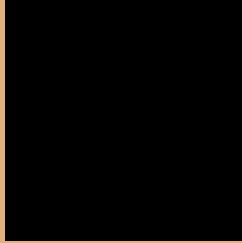
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E3AF7A Background



This preview shows how black text looks on a background with the Hex color E3AF7A.

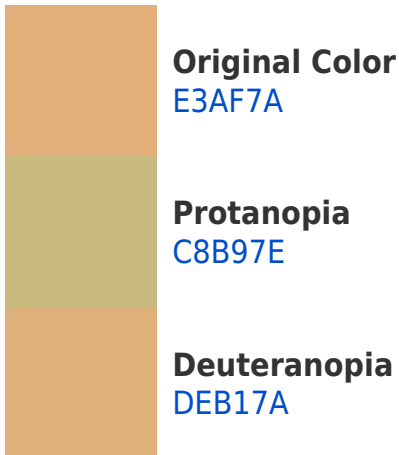


This preview shows how white text looks on a background with the Hex color E3AF7A.

# 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](#).

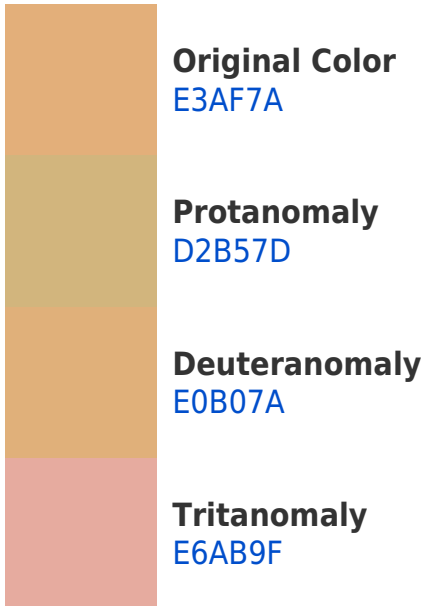
## Dichromacy



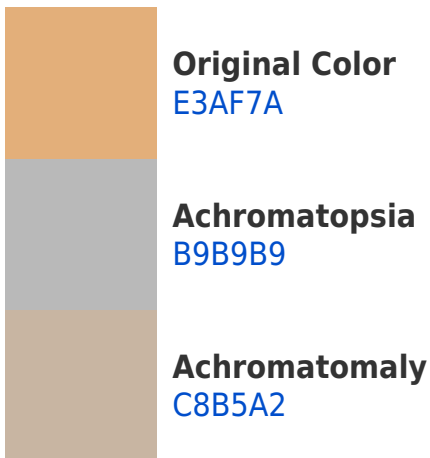


**Tritanopia**  
E8A8B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3AF7A 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 #E3AF7A looks like.

```
.text, #text, p{  
    color:#E3AF7A  
}
```

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 #E3AF7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3AF7A
}
```

## Border

The CSS property to change the border of an element to Hex E3AF7A 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
#E3AF7A }
```

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

```
.border{ border-color:#E3AF7A }
```

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

Here you see how a box with a 4 pixel #E3AF7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3AF7A; -webkit-box-shadow:4px 4px  
4px 4px #E3AF7A; box-shadow:4px 4px 4px  
4px #E3AF7A }
```

# Background

The CSS property to change the background color of an element to Hex E3AF7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3AF7A }
```

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

```
.background{ background-color:#E3AF7A }
```

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