

# Converting Colors

Hex(E3DEAA)

Have a look what the booklet for  
Hex(E3DEAA) contains.

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# **Color**

**Hex(E3DEAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3DEAA
RGB	227, 222, 170
RGB Percent	89%, 87%, 67%
CMY	0.1098, 0.1294, 0.3333
CMYK	0.00, 0.02, 0.25, 0.11
HSL	55°, 50%, 78%
HSV	55°, 25%, 89%
XYZ	65.0555, 71.4757, 48.3976
YIQ	217.5670, 19.6720, -15.1120

# Conversions

## Conversions Part 2

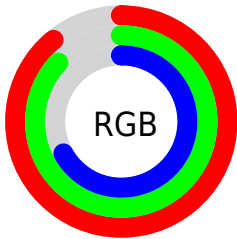
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 227, 170
Decimal	14933674
CIELab	87.72, -6.41, 26.19
CIELCh	88, 26.959, 103.752
Yxy	71.4757, 0.3518, 0.3865
Android (android.graphics.Color)	4293123754 (0xFFE3DEAA)
YUV	217.5670, -23.4505, 8.2727
Hunter-Lab	84.5433, -10.5962, 25.2392

# Details

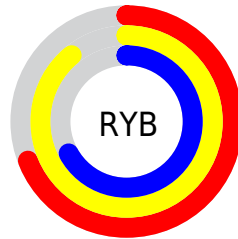
The Hex color **E3DEAA** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **AAAFE3**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFE2**, and **ABA775** is the 20% darker color. If you saturate the color by 10%, you get **E3DC93**, and if you desaturate by 10%, it is **E3E0C1**.

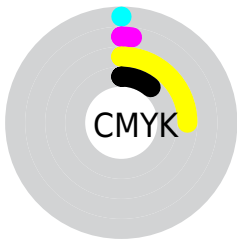
# Distribution



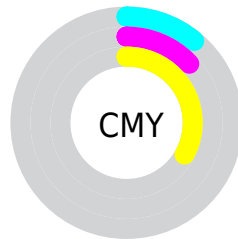
- Red (89%)
- Green (87%)
- Blue (67%)



- Red (69%)
- Yellow (89%)
- Blue (67%)



- Cyan (0%)
- Magenta (2%)
- Yellow (25%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3DEAA 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 E3DEAA by changing the saturation by 10% instead.



 E3DEAA

 E3DEAA

FFFFFF

 C7C28F

 FFFFE2

 ABA775

FFFFFFE

 908D5D

 767344

 5D5B2D

 444317

 2E2D00

 161900

 000000

 E3DEAA

 E3DEAA

 E3DC93

 E3E0C1

 E3DA7D

 E3E2D7

 E3D866

 E3E4EE

 E3D64F

 E3E6FF

 E3D438

 E3E8FF

 E3D222

 E3EAFF

 E3D00B

 E3ECCF

 E3CF00

 E3EEFF

 E3F0FF

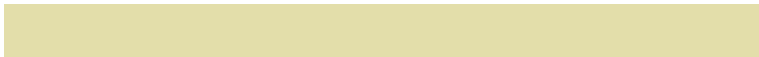
# Harmonies

## Analogous

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



FCD5AB



E3DEAA



C6E5B6

# Triad

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



E3DEAA



96E8FE



FFCBEB

# Complementary

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



E3DEAA



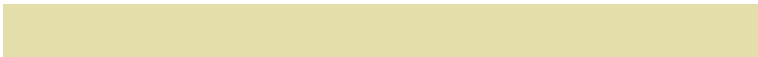
AAAFE3

# Split Complementary

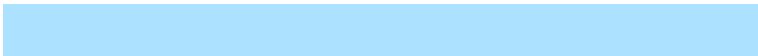
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EFD1FF



E3DEAA



ACE2FF

# Square

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



E3DEAA



96EBE7



CEDAFF



FFCAD1

# Rectangle

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



E3DEAA



B3E8C4



CEDAFF



FFCDF3



# Sweetspot

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



E3DEAA



FFFDEB



E3AAB0



807E73



000000



808080



# Same Dimension

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



E3DEAA



FFF8B3



CCE3AA



737267



B3A300



332F00



# Inverse Universe

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



AAAFE3



B3B9FF



C1AAE3



676873



0010B3

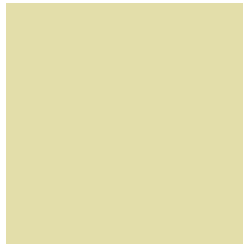


000433



# Previews

## White Background



This preview shows how the Hex color E3DEAA looks on a white background.

## Color Contrast Check

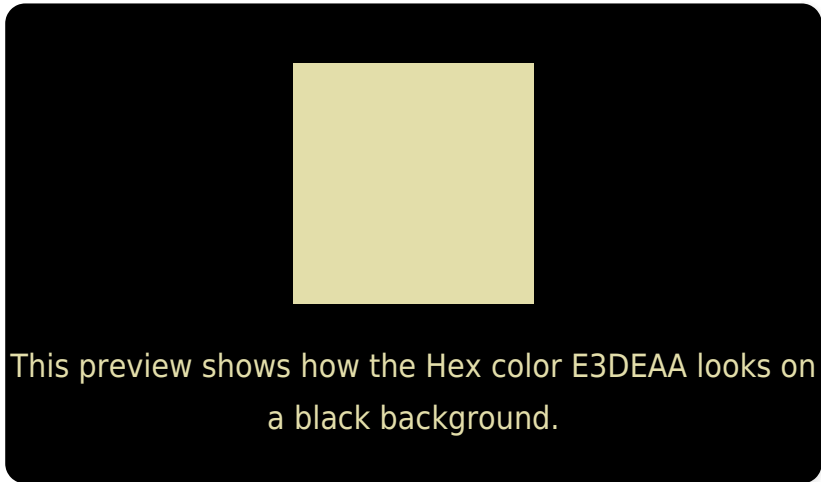
Large Text (above 18pt) WCAG AA × Fail

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

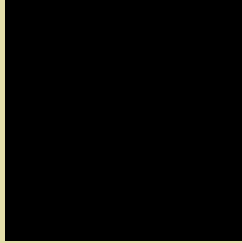
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E3DEAA Background



This preview shows how black text looks on a background with the Hex color E3DEAA.

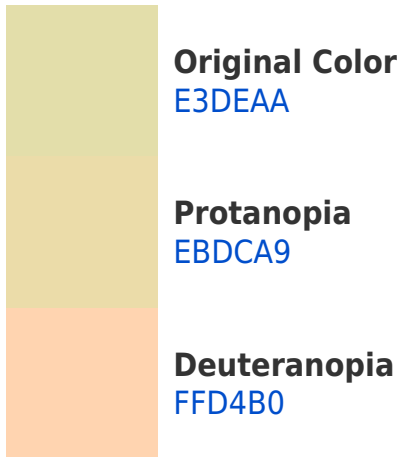


This preview shows how white text looks on a background with the Hex color E3DEAA.

# 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](#).

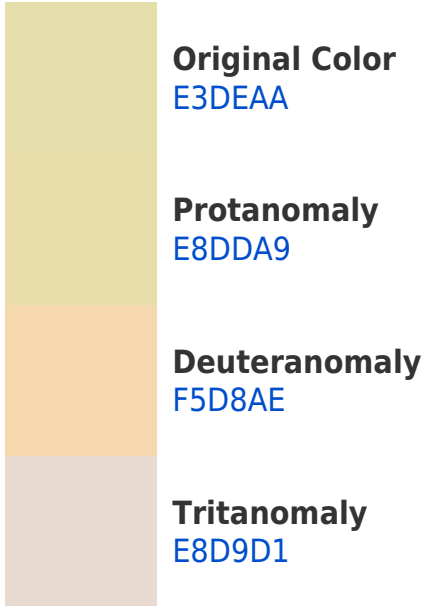
## Dichromacy





**Tritanopia**  
EBD6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3DEAA 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 #E3DEAA looks like.

```
.text, #text, p{  
    color:#E3DEAA  
}
```

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 #E3DEAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3DEAA
}
```

## Border

The CSS property to change the border of an element to Hex E3DEAA 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
#E3DEAA }
```

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

```
.border{ border-color:#E3DEAA }
```

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

Here you see how a box with a 4 pixel #E3DEAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3DEAA; -webkit-box-shadow:4px 4px  
4px 4px #E3DEAA; box-shadow:4px 4px 4px  
4px #E3DEAA }
```

# Background

The CSS property to change the background color of an element to Hex E3DEAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3DEAA }
```

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

```
.background{ background-color:#E3DEAA }
```

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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