

# Converting Colors

Hex(E4E4AE)

Have a look what the booklet for  
Hex(E4E4AE) contains.

<b>Hex(E4E4AE)</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(E4E4AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4E4AE
RGB	228, 228, 174
RGB Percent	89%, 89%, 68%
CMY	0.1059, 0.1059, 0.3176
CMYK	0.00, 0.00, 0.24, 0.11
HSL	60°, 50%, 79%
HSV	60°, 24%, 89%
XYZ	67.3783, 75.0368, 50.9767
YIQ	221.8440, 17.3340, -16.7940

# Conversions

## Conversions Part 2

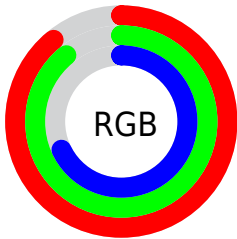
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 228, 174
Decimal	15000750
CIELab	89.41, -8.53, 26.44
CIELCh	89, 27.785, 107.878
Yxy	75.0368, 0.3484, 0.3880
Android (android.graphics.Color)	4293190830 (0xFFE4E4AE)
YUV	221.8440, -23.5871, 5.3988
Hunter-Lab	86.6238, -12.7495, 25.7454

# Details

The Hex color **E4E4AE** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **AEAEE4**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFE6**, and **ACAD79** is the 20% darker color. If you saturate the color by 10%, you get **E4E497**, and if you desaturate by 10%, it is **E4E4C5**.

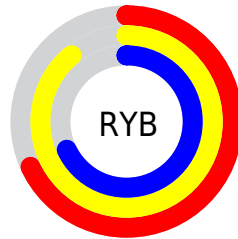
# Distribution



Red (89%)

Green (89%)

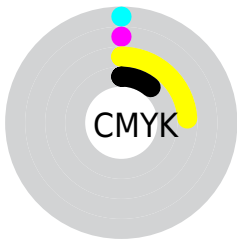
Blue (68%)



Red (68%)

Yellow (89%)

Blue (68%)

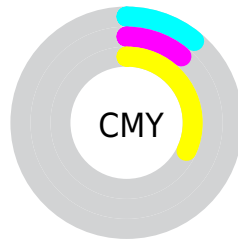


Cyan (0%)

Magenta (0%)

Yellow (24%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4E4AE 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 E4E4AE by changing the saturation by 10% instead.



 E4E4AE

FFFFFF

 FFFFE6

 E4E4AE

 C8C893

 ACAD79


 919260

 777848

 5E6031

 45481A

 2E3202

 181D00

 000000

 E4E4AE

 E4E4AE

 E4E497

 E4E4C5

 E4E480

 E4E4DC

 E4E46A

 E4E4F2

 E4E453

 E4E4FF

 E4E43C

 E4E425

 E4E40E

 E4E400

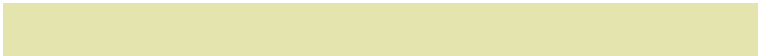
# Harmonies

## Analogous

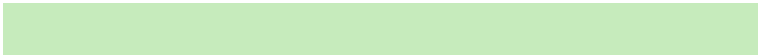
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDBAD



E4E4AE



C6EBBC

# Triad

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



E4E4AE



9AEDFF



FFCFED

# Complementary

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



E4E4AE



AEAE44

# Split Complementary

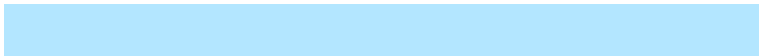
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F8D5FF



E4E4AE



B3E6FF

# Square

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



E4E4AE



97F0F0



D7DEFF



FFCED2

# Rectangle

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



E4E4AE



B2EECC



D7DEFF



FFD0F5



# Sweetspot

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



E4E4AE



FFFFED



E4AEAE



808075



000000



808080



# Same Dimension

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



E4E4AE



FFFFB8



C9E4AE



737367



B3B300



333300



# Inverse Universe

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



AEAEE4



B8B8FF



C9AEE4



676773



0000B3

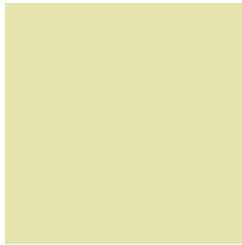


000033



# Previews

## White Background



This preview shows how the Hex color E4E4AE looks on a white background.

## Color Contrast Check

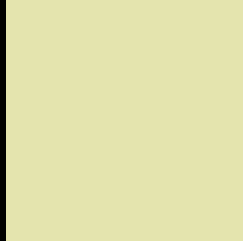
Large Text (above 18pt) WCAG AA × Fail

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 E4E4AE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

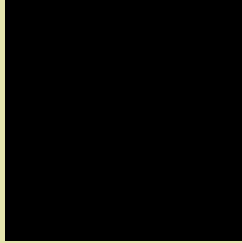
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

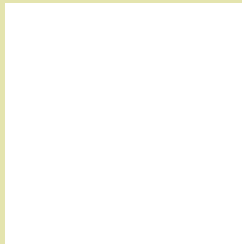
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E4E4AE Background



This preview shows how black text looks on a background with the Hex color E4E4AE.

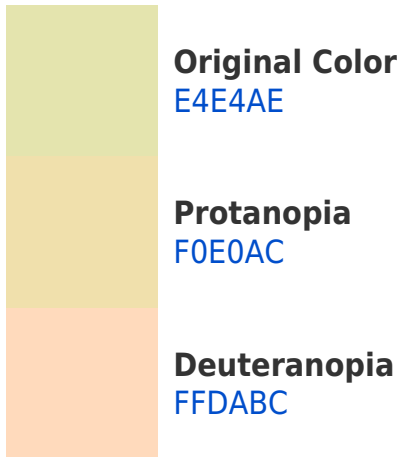


This preview shows how white text looks on a background with the Hex color E4E4AE.

# Color Blindness Simulation

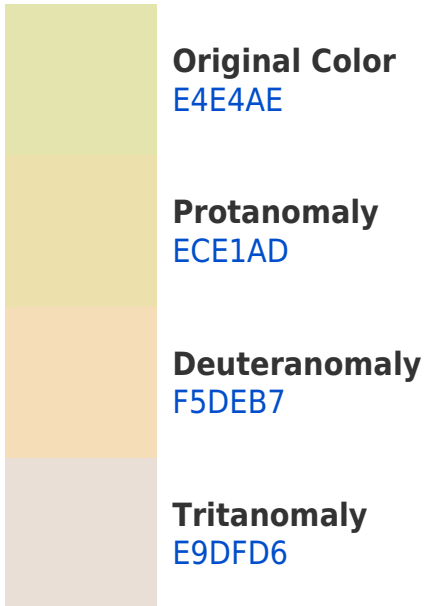
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

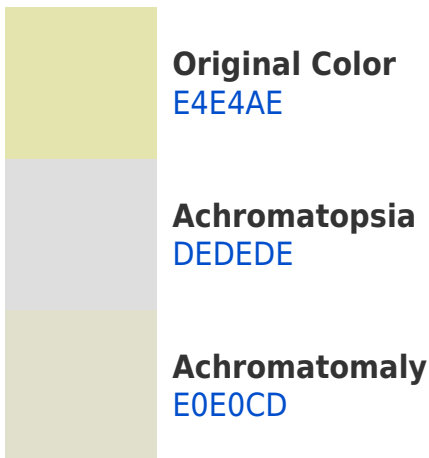




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4E4AE 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 #E4E4AE looks like.

```
.text, #text, p{  
  color:#E4E4AE  
}
```

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 #E4E4AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4E4AE
}
```

## Border

The CSS property to change the border of an element to Hex E4E4AE 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
#E4E4AE }
```

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

```
.border{ border-color:#E4E4AE }
```

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

Here you see how a box with a 4 pixel #E4E4AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4E4AE; -webkit-box-shadow:4px 4px  
4px 4px #E4E4AE; box-shadow:4px 4px 4px  
4px #E4E4AE }
```

# Background

The CSS property to change the background color of an element to Hex E4E4AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4E4AE }
```

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

```
.background{ background-color:#E4E4AE }
```

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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