

# Converting Colors

Hex(E8AE8E)

Have a look what the booklet for  
Hex(E8AE8E) contains.

<b>Hex(E8AE8E)</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(E8AE8E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8AE8E
RGB	232, 174, 142
RGB Percent	91%, 68%, 56%
CMY	0.0902, 0.3176, 0.4431
CMYK	0.00, 0.25, 0.39, 0.09
HSL	21°, 66%, 73%
HSV	21°, 39%, 91%
XYZ	53.2972, 49.3809, 32.3136
YIQ	187.6940, 44.8400, 2.3440

# Conversions

## Conversions Part 2

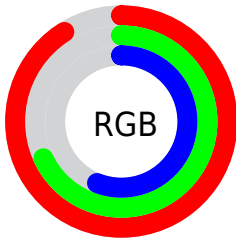
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 192, 142
Decimal	15249038
CIE Lab	75.69, 17.11, 24.68
CIE LCh	76, 30.026, 55.271
Yxy	49.3809, 0.3948, 0.3658
Android (android.graphics.Color)	4293439118 (0xFFE8AE8E)
YUV	187.6940, -22.5271, 38.8564
Hunter-Lab	70.2715, 12.4076, 21.9262

# Details

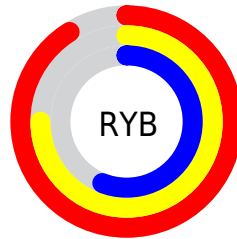
The Hex color **E8AE8E** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **8EC8E8**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFE6C4**, and **AF795B** is the 20% darker color. If you saturate the color by 10%, you get **E89F77**, and if you desaturate by 10%, it is **E8BDA5**.

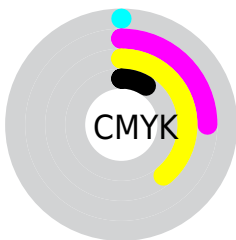
# Distribution



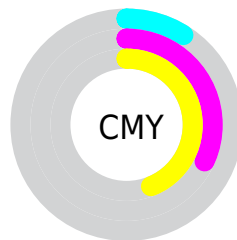
- Red (91%)
- Green (68%)
- Blue (56%)



- Red (91%)
- Yellow (75%)
- Blue (56%)



- Cyan (0%)
- Magenta (25%)
- Yellow (39%)
- Black (9%)



- Cyan (9%)
- Magenta (32%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8AE8E 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 E8AE8E by changing the saturation by 10% instead.



 E8AE8E

 E8AE8E

FFFFFF

 CB9374

 FFE6C4

 AF795B

 FFFF00

 936044

FFFFFFD

 77492D

 5D3218

 441C00

 2A0600

 000000

 E8AE8E

 E8AE8E

 E89F77

 E8BDA5

 E89060

 E8CCBC

 E88148

 E8DBD4

 E87231

 E8EAEB

 E8631A

 E8F9FF

 E85403

 E8FFFF

 E85200

# Harmonies

## Analogous

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



F2A7A4



E8AE8E



D2B783

# Triad

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



E8AE8E



78CAB5



B9B5EC

# Complementary

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



E8AE8E



8EC8E8

# 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.



91BEF1



E8AE8E



65C9D1

# Square

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



E8AE8E



96C69A



6FC6E7



DAACDA

# Rectangle

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



E8AE8E



C0BD85



6FC6E7



ACB8F0

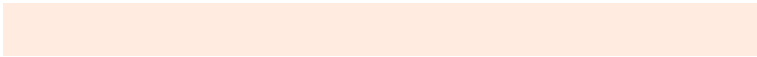


# Sweetspot

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



E8AE8E



FFEBE0



E88EC8



80746E



000000



808080



# Same Dimension

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



E8AE8E



FFB287



E8DB8E



736B67



B33F00



331200

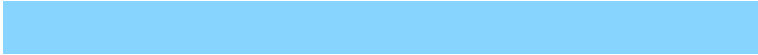


# Inverse Universe

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



8EC8E8



87D4FF



8E9BE8



676F73



0073B3



002133



# Previews

## White Background



This preview shows how the Hex color E8AE8E looks on a white background.

## Color Contrast Check

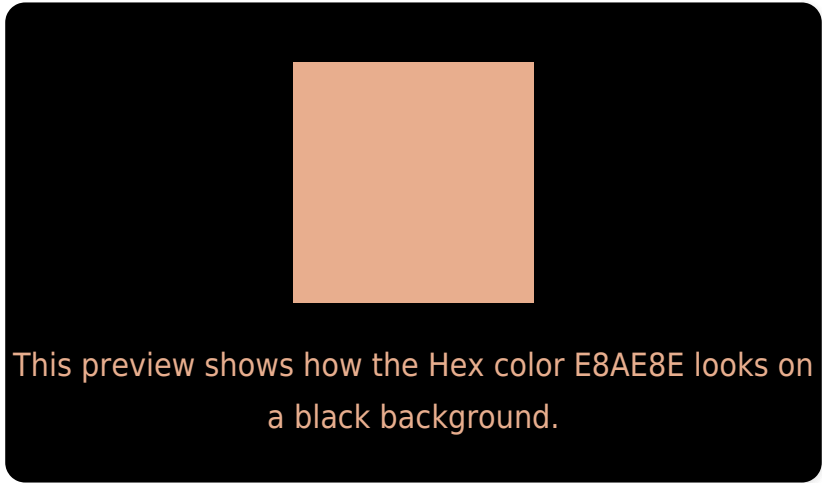
Large Text (above 18pt) WCAG AA × Fail

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

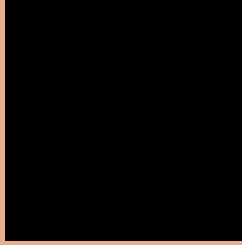
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E8AE8E Background



This preview shows how black text looks on a background with the Hex color E8AE8E.



This preview shows how white text looks on a background with the Hex color E8AE8E.

# 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



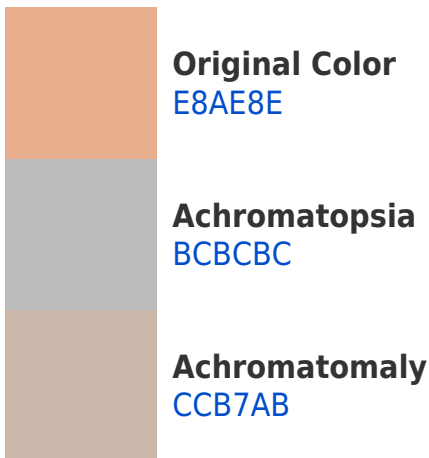


**Tritanopia**  
ECA9B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8AE8E 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 #E8AE8E looks like.

```
.text, #text, p{  
    color:#E8AE8E  
}
```

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 #E8AE8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8AE8E
}
```

## Border

The CSS property to change the border of an element to Hex E8AE8E 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
#E8AE8E }
```

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

```
.border{ border-color:#E8AE8E }
```

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

Here you see how a box with a 4 pixel #E8AE8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8AE8E; -webkit-box-shadow:4px 4px  
4px 4px #E8AE8E; box-shadow:4px 4px 4px  
4px #E8AE8E }
```

# Background

The CSS property to change the background color of an element to Hex E8AE8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8AE8E }
```

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

```
.background{ background-color:#E8AE8E }
```

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