

# Converting Colors

Hex(E8AE82)

Have a look what the booklet for  
Hex(E8AE82) contains.

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# **Color**

**Hex(E8AE82)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8AE82
RGB	232, 174, 130
RGB Percent	91%, 68%, 51%
CMY	0.0902, 0.3176, 0.4902
CMYK	0.00, 0.25, 0.44, 0.09
HSL	26°, 69%, 71%
HSV	26°, 44%, 91%
XYZ	52.4440, 49.0396, 27.8206
YIQ	186.3260, 48.6920, -1.3880

# Conversions

## Conversions Part 2

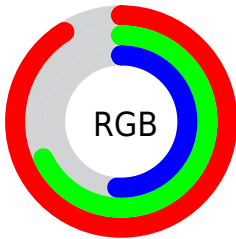
Format	Color
R <sub>Y</sub> B	232, 207, 130
Decimal	15249026
CIE Lab	75.48, 15.81, 30.81
CIE LCh	75, 34.625, 62.838
Yxy	49.0396, 0.4056, 0.3793
Android (android.graphics.Color)	4293439106 (0xFFE8AE82)
YUV	186.3260, -27.7687, 40.0561
Hunter-Lab	70.0283, 11.1287, 25.4653

# Details

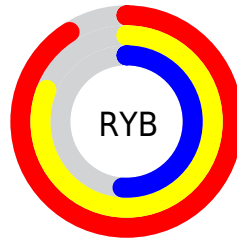
The Hex color **E8AE82** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **82BCE8**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFE6B7**, and **AE7A50** is the 20% darker color. If you saturate the color by 10%, you get **E8A16B**, and if you desaturate by 10%, it is **E8BB99**.

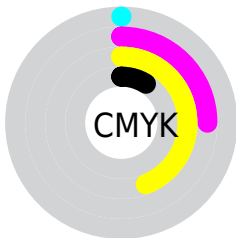
# Distribution



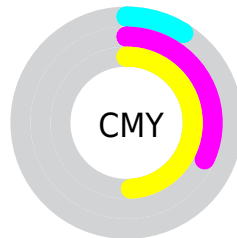
- Red (91%)
- Green (68%)
- Blue (51%)



- Red (91%)
- Yellow (81%)
- Blue (51%)



- Cyan (0%)
- Magenta (25%)
- Yellow (44%)
- Black (9%)



- Cyan (9%)
- Magenta (32%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8AE82 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 E8AE82 by changing the saturation by 10% instead.



 E8AE82

 E8AE82

FFFFFF

 CB9369

 FFE6B7

 AE7A50

 FFFFD3

 926138

 FFFFF0

 774922

 5C320B

 421C00

 290700

 000000

 E8AE82

 E8AE82

 E8A16B

 E8BB99

 E89454

 E8C8B0

 E8863C

 E8D6C8

 E87925

 E8E3DF

 E86C0E

 E8F0F6

 E86400

 E8FDFF

 E8FFFF

# Harmonies

## Analogous

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



F7A599



E8AE82



CDB97A

# Triad

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



E8AE82



60CBBC



C2B1F0

# Complementary

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



E8AE82



82BCE8

# 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.



93BCF9



E8AE82



4DCADB

# Square

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



E8AE82



85C99C



64C5F2



E5A6D8

# Rectangle

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



E8AE82



B7C07E



64C5F2



B4B4F5

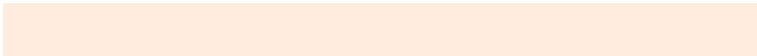


# Sweetspot

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



E8AE82



FFECDE



E882BD



80746B



000000



808080



# Same Dimension

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



E8AE82



FFB278



E8E082



736C67



B34D00



331600

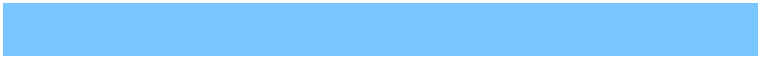


# Inverse Universe

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



82BCE8



78C5FF



828AE8



676E73



0066B3



001D33



# Previews

## White Background



This preview shows how the Hex color E8AE82 looks on a white background.

## Color Contrast Check

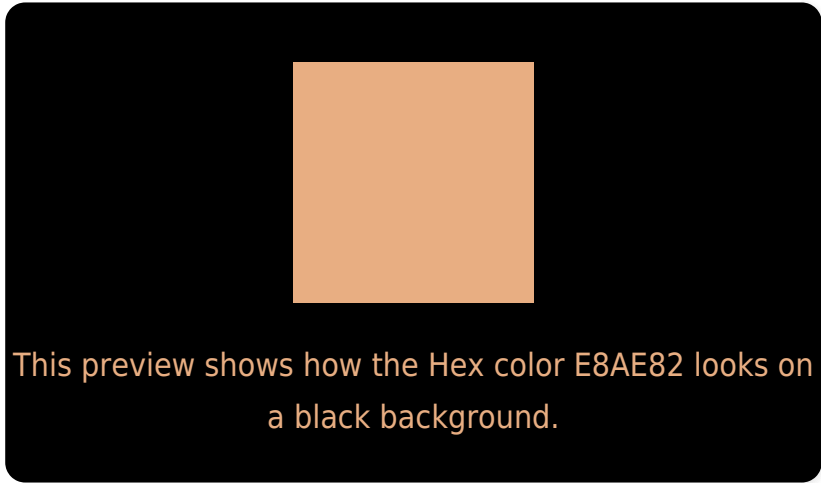
Large Text (above 18pt) WCAG AA × Fail

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

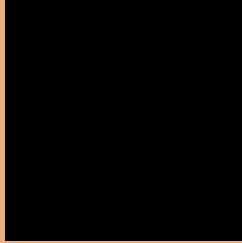
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E8AE82 Background



This preview shows how black text looks on a background with the Hex color E8AE82.

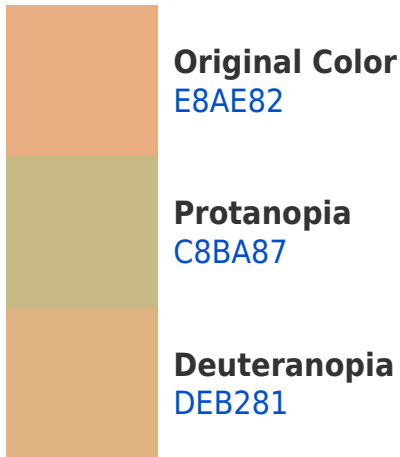


This preview shows how white text looks on a background with the Hex color E8AE82.

# 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**  
EDA7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8AE82 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 #E8AE82 looks like.

```
.text, #text, p{  
    color:#E8AE82  
}
```

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 #E8AE82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8AE82
}
```

## Border

The CSS property to change the border of an element to Hex E8AE82 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
#E8AE82 }
```

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

```
.border{ border-color:#E8AE82 }
```

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

Here you see how a box with a 4 pixel #E8AE82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8AE82; -webkit-box-shadow:4px 4px  
4px 4px #E8AE82; box-shadow:4px 4px 4px  
4px #E8AE82 }
```

# Background

The CSS property to change the background color of an element to Hex E8AE82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8AE82 }
```

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

```
.background{ background-color:#E8AE82 }
```

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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