

# Converting Colors

Hex(AEA782)

Have a look what the booklet for  
Hex(AEA782) contains.

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# **Color**

**Hex(AEA782)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEA782
RGB	174, 167, 130
RGB Percent	68%, 65%, 51%
CMY	0.3176, 0.3451, 0.4902
CMYK	0.00, 0.04, 0.25, 0.32
HSL	50°, 21%, 60%
HSV	50°, 25%, 68%
XYZ	35.3035, 38.2478, 26.6410
YIQ	164.8750, 16.0490, -10.0230

# Conversions

## Conversions Part 2

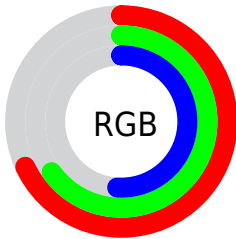
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 174, 130
Decimal	11446146
CIELab	68.20, -3.53, 20.09
CIELCh	68, 20.394, 99.962
Yxy	38.2478, 0.3524, 0.3817
Android (android.graphics.Color)	4289636226 (0xFFAEA782)
YUV	164.8750, -17.1934, 8.0026
Hunter-Lab	61.8448, -6.3333, 17.7509

# Details

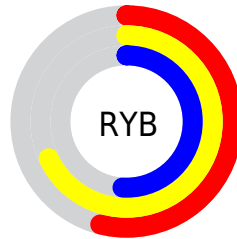
The Hex color **AEA782** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8289AE**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **E6DEB7**, and **797350** is the 20% darker color. If you saturate the color by 10%, you get **AEA471**, and if you desaturate by 10%, it is **AEAA93**.

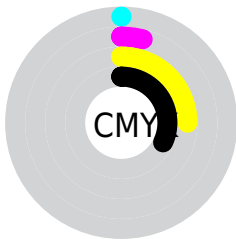
# Distribution



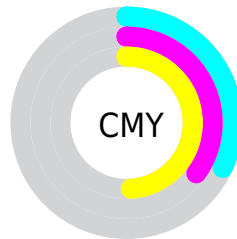
- Red (68%)
- Green (65%)
- Blue (51%)



- Red (54%)
- Yellow (68%)
- Blue (51%)



- Cyan (0%)
- Magenta (4%)
- Yellow (25%)
- Black (32%)



- Cyan (32%)
- Magenta (35%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEA782 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 AEA782 by changing the saturation by 10% instead.





AEA782



AEA782

FFFFFF



938D69



E6DEB7



797350



FFFB D3



605B39



FFFFEE



484323



302D0E



1B1900



000000



AEA782



AEA782



AEA471



AEAA93

 AEA15F

 AEADA5

 AE9F4E

 AEAFB6

 AE9C3C

 AEB2C8

 AE992B

 AEB5D9

 AE961A

 AEB8EA

 AE9408

 AEBAFC

 AE9200

 AEBDFF

 AEC0FF

# Harmonies

## Analogous

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



BFA184



AEA782



99AC8A

# Triad

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



AEA782



74AFBD



C39BB3

# Complementary

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



AEA782



8289AE

# 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.



B1A0C3



AEA782



82ACC8

# Square

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



AEA782



76B1AC



99A6CA



CC99A1

# Rectangle

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



AEA782



8BAF93



99A6CA



BE9CB9



# Sweetspot

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



AEA782



E3E0D1



AE8289



737167



F2F2F2



737373



# Same Dimension

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



AEA782



E3D89F



9FAE82



57554E



967F00



171300



# Inverse Universe

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



8289AE



9FAAE3



9182AE



4E4F57



001896



000417



# Previews

## White Background



This preview shows how the Hex color AEA782 looks on a white background.

## Color Contrast Check

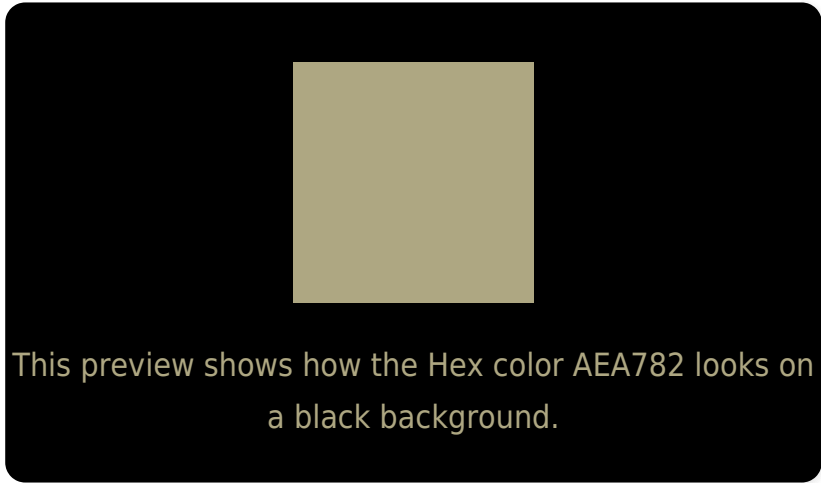
Large Text (above 18pt) WCAG AA × Fail

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

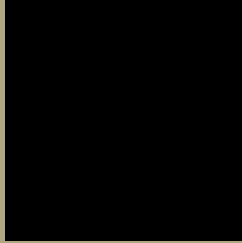
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

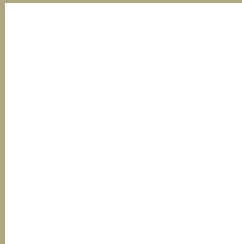
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AEA782 Background



This preview shows how black text looks on a background with the Hex color AEA782.



This preview shows how white text looks on a background with the Hex color AEA782.

# 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



**Original Color**  
AEA782

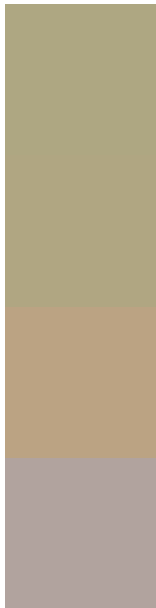
**Protanopia**  
B1A682

**Deuteranopia**  
C2A084



**Tritanopia**  
B3A1AE

# Trichromacy



**Original Color**  
AEA782

**Protanomaly**  
B0A682

**Deuteranomaly**  
BBA383

**Tritanomaly**  
B1A39E

# Monochromacy



**Original Color**  
AEA782

**Achromatopsia**  
A5A5A5

**Achromatomaly**  
A8A698

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEA782 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 #AEA782 looks like.

```
.text, #text, p{  
    color:#AEA782  
}
```

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 #AEA782 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEA782
}
```

## Border

The CSS property to change the border of an element to Hex AEA782 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
#AEA782 }
```

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

```
.border{ border-color:#AEA782 }
```

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

Here you see how a box with a 4 pixel #AEA782 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEA782; -webkit-box-shadow:4px 4px  
4px 4px #AEA782; box-shadow:4px 4px 4px  
4px #AEA782 }
```

# Background

The CSS property to change the background color of an element to Hex AEA782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEA782 }
```

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

```
.background{ background-color:#AEA782 }
```

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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