

# Converting Colors

Hex(AE9EBB)

Have a look what the booklet for  
Hex(AE9EBB) contains.

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# Color

**Hex(AE9EBB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE9EBB
RGB	174, 158, 187
RGB Percent	68%, 62%, 73%
CMY	0.3176, 0.3804, 0.2667
CMYK	0.07, 0.16, 0.00, 0.27
HSL	273°, 18%, 68%
HSV	273°, 16%, 73%
XYZ	38.6521, 37.0402, 52.1260
YIQ	166.0900, 0.2270, 12.4110

# Conversions

## Conversions Part 2

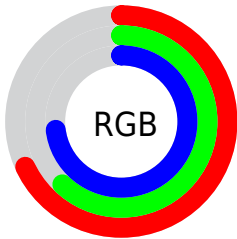
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">174, 158, 187</a>
Decimal	<a href="#">11443899</a>
CIELab	<a href="#">67.31, 11.35, -12.82</a>
CIElCh	<a href="#">67, 17.128, 311.522</a>
Yxy	<a href="#">37.0402, 0.3024, 0.2898</a>
Android (android.graphics.Color)	<a href="#">4289633979</a> (0xFFAE9EBB)
YUV	<a href="#">166.0900, 10.3086, 6.9371</a>
Hunter-Lab	<a href="#">60.8607, 6.8575, -8.1782</a>

# Details

The Hex color **AE9EBB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **ABBB9E**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E6D5F3**, and **796B86** is the 20% darker color. If you saturate the color by 10%, you get **A68BBB**, and if you desaturate by 10%, it is **B6B1BB**.

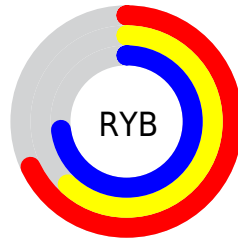
# Distribution



Red (68%)

Green (62%)

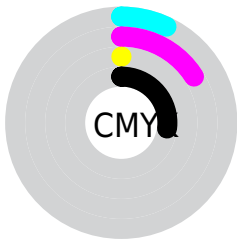
Blue (73%)



Red (68%)

Yellow (62%)

Blue (73%)

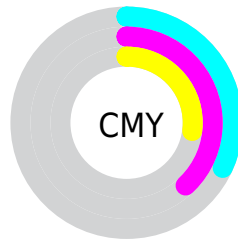


Cyan (7%)

Magenta (16%)

Yellow (0%)

Black (27%)



Cyan (32%)

Magenta (38%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE9EBB 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 AE9EBB by changing the saturation by 10% instead.



■ AE9EBB

■ AE9EBB

FFFFFF

■ 9384A0

■ E6D5F3

■ 796B86

■ FFF1FF

■ 61526C

■ 493B54

■ 32263D

■ 1C1127

■ 000112

■ 000000

■ AE9EBB

■ AE9EBB

 A68BBB

 B6B1BB

 9D79BB

 BFC3BB

 9566BB

 C7D6BB

 8C53BB

 D0E9BB

 8441BB

 D8FB BB

 7C2EBB

 E0FFBB

 731BBB

 E9FFBB

 6B08BB

 F1FFBB

 6700BB

 F9FFBB

# Harmonies

## Analogous

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



9AA3C2



AE9EBB



BD9AAE

# Triad

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



AE9EBB



B9A087



7CADA9

# Complementary

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



AE9EBB



ABBB9E

# 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.



88AC9A



AE9EBB



AAA586

# Square

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



AE9EBB



C29B90



98A98C



7CACB8

# Rectangle

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



AE9EBB



C399A4



98A98C



7FADA4



# Sweetspot

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



AE9EBB



EDE6F2



9EABBB



77737A



FAFAFA



7A7A7A



# Same Dimension

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



AE9EBB



DEC4F2



BB9EBA



5A555E



57009E



11001F



# Inverse Universe

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



BB9EAB



F2C4D9



9EBB9F



5E5559



9E0047

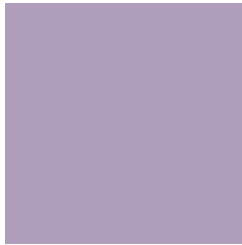


1F000E



# Previews

## White Background



This preview shows how the Hex color AE9EBB looks on a white background.

## Color Contrast Check

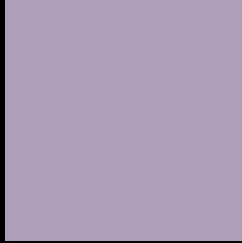
Large Text (above 18pt) WCAG AA × Fail

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 AE9EBB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

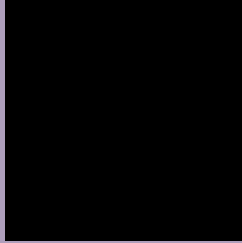
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AE9EBB Background



This preview shows how black text looks on a background with the Hex color AE9EBB.

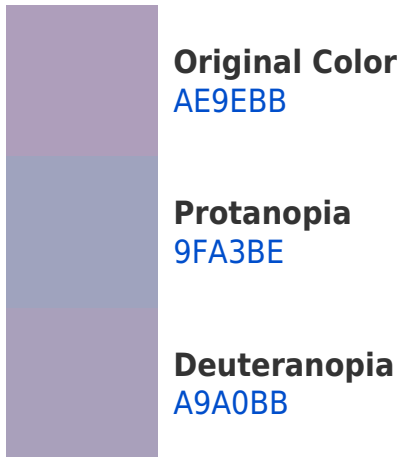


This preview shows how white text looks on a background with the Hex color AE9EBB.

# 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



**Original Color**  
AE9EBB

**Protanomaly**  
A4A1BD

**Deuteranomaly**  
AB9FBB

**Tritanomaly**  
AD9FB2

# Monochromacy



**Original Color**  
AE9EBB

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
A9A3AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE9EBB 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 #AE9EBB looks like.

```
.text, #text, p{  
    color:#AE9EBB  
}
```

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 #AE9EBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE9EBB  
}
```

## Border

The CSS property to change the border of an element to Hex AE9EBB is called "border". The border property can be set on classes, ids or directly on the HTML element.

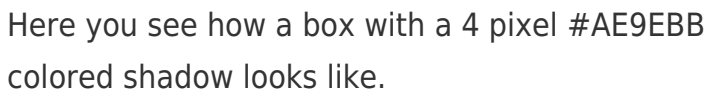
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AE9EBB }
```

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

```
.border{ border-color:#AE9EBB }
```

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



Here you see how a box with a 4 pixel `#AE9EBB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE9EBB; -webkit-box-shadow:4px 4px  
4px 4px #AE9EBB; box-shadow:4px 4px 4px  
4px #AE9EBB }
```

# Background

The CSS property to change the background color of an element to Hex AE9EBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE9EBB }
```

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

```
.background{ background-color:#AE9EBB }
```

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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