

# Converting Colors

Hex(AE9AE7)

Have a look what the booklet for  
Hex(AE9AE7) contains.

<b>Hex(AE9AE7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(AE9AE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AE9AE7
RGB	174, 154, 231
RGB Percent	68%, 60%, 91%
CMY	0.3176, 0.3961, 0.0941
CMYK	0.25, 0.33, 0.00, 0.09
HSL	256°, 62%, 75%
HSV	256°, 33%, 91%
XYZ	43.4350, 37.8794, 80.6235
YIQ	168.7580, -12.7970, 28.1870

# Conversions

## Conversions Part 2

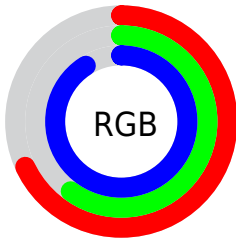
Format	Color
<a href="#">RYB</a>	<a href="#">174, 154, 231</a>
Decimal	<a href="#">11442919</a>
CIELab	<a href="#">67.93, 23.35, -36.23</a>
CIELCh	<a href="#">68, 43.103, 302.805</a>
Yxy	<a href="#">37.8794, 0.2682, 0.2339</a>
Android (android.graphics.Color)	<a href="#">4289632999 (0xFFAE9AE7)</a>
YUV	<a href="#">168.7580, 30.6853, 4.5972</a>
Hunter-Lab	<a href="#">61.5462, 18.2667, -34.5855</a>

# Details

The Hex color **AE9AE7** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D3E79A**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **E7D1FF**, and **7867AF** is the 20% darker color. If you saturate the color by 10%, you get **9D83E7**, and if you desaturate by 10%, it is **BFB1E7**.

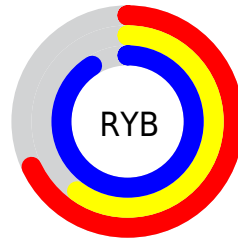
# Distribution



Red (68%)

Green (60%)

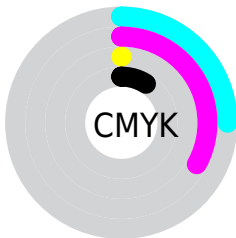
Blue (91%)



Red (68%)

Yellow (60%)

Blue (91%)

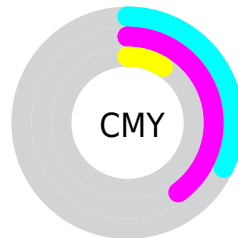


Cyan (25%)

Magenta (33%)

Yellow (0%)

Black (9%)



Cyan (32%)

Magenta (40%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE9AE7 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 AE9AE7 by changing the saturation by 10% instead.



■ AE9AE7

■ AE9AE7

FFFFFF

■ 9380CB

■ E7D1FF

■ 7867AF

■ FFEDFF

■ 5E4F94

■ 44387A

■ 2B2261

■ 0F0D49

■ 000032

■ 00011C

■ 000000

 AE9AE7

 AE9AE7

 9D83E7

 BFB1E7

 8C6CE7

 D0C8E7

 7B55E7

 E1DFE7

 6A3EE7

 F2F6E7

 5926E7

 FFFFE7

 470FE7

 3C00E7

# Harmonies

## Analogous

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



6EA8F3



AE9AE7



D98CCA

# Triad

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



AE9AE7



DA9761



02BAA8

# Complementary

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



AE9AE7



D3E79A

# 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.



61B781



AE9AE7



BAA456

# Square

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



AE9AE7



ED8A7D



92B062



00B9CE

# Rectangle

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



AE9AE7



EA87B1



92B062



34B99A



# Sweetspot

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



AE9AE7



ECE6FF



9AD4E7



747080



000000



808080



# Same Dimension

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



AE9AE7



B399FF



D49AE7



6A6773



2E00B3



0D0033



# Inverse Universe

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



E79AD3



FF99E5



ADE79A



736770



B30084



330026



# Previews

## White Background



This preview shows how the Hex color AE9AE7 looks on a white background.

## Color Contrast Check

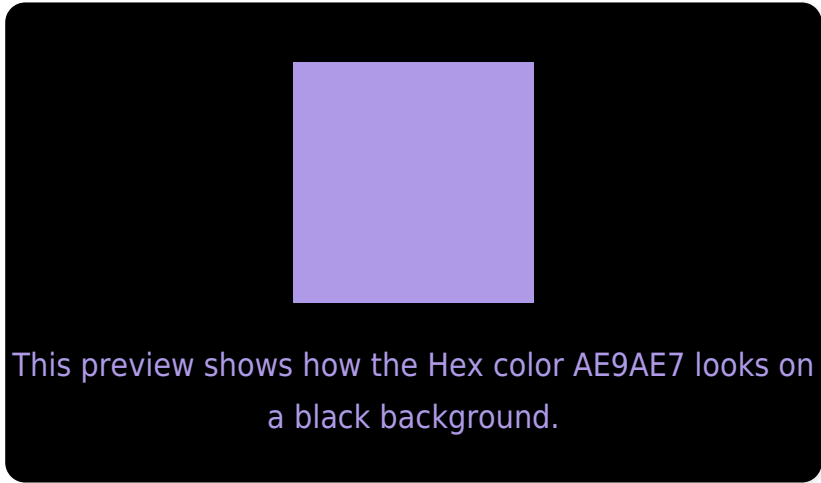
Large Text (above 18pt) WCAG AA × Fail

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 AE9AE7 Background



This preview shows how black text looks on a background with the Hex color AE9AE7.

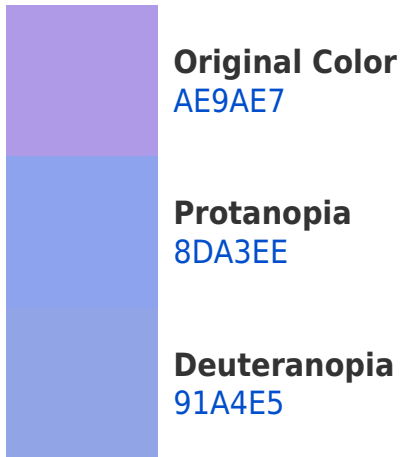


This preview shows how white text looks on a background with the Hex color AE9AE7.

# 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](#).

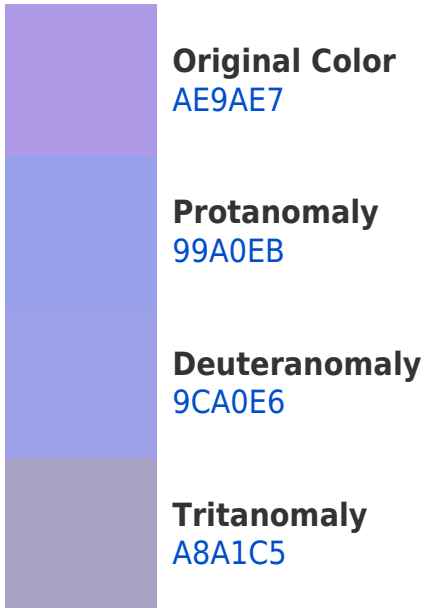
## Dichromacy



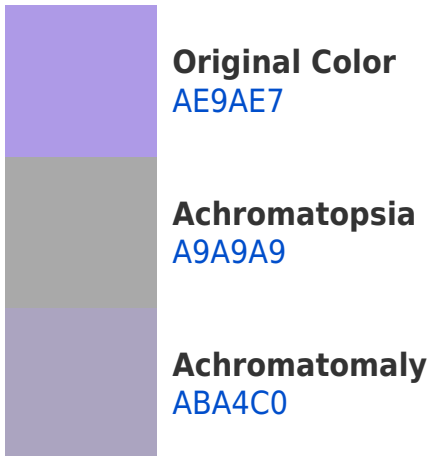


**Tritanopia**  
A4A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE9AE7 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 #AE9AE7 looks like.

```
.text, #text, p{  
    color:#AE9AE7  
}
```

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 #AE9AE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE9AE7
}
```

## Border

The CSS property to change the border of an element to Hex AE9AE7 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
#AE9AE7 }
```

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

```
.border{ border-color:#AE9AE7 }
```

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

Here you see how a box with a 4 pixel #AE9AE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE9AE7; -webkit-box-shadow:4px 4px  
4px 4px #AE9AE7; box-shadow:4px 4px 4px  
4px #AE9AE7 }
```

# Background

The CSS property to change the background color of an element to Hex AE9AE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE9AE7 }
```

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

```
.background{ background-color:#AE9AE7 }
```

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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