

# Converting Colors

Hex(AE7BAE)

Have a look what the booklet for  
Hex(AE7BAE) contains.

<b>Hex(AE7BAE)</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(AE7BAE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AE7BAE
RGB	174, 123, 174
RGB Percent	68%, 48%, 68%
CMY	0.3176, 0.5176, 0.3176
CMYK	0.00, 0.29, 0.00, 0.32
HSL	300°, 24%, 58%
HSV	300°, 29%, 68%
XYZ	32.1785, 26.2206, 43.4095
YIQ	144.0630, 14.0250, 26.6730

# Conversions

## Conversions Part 2

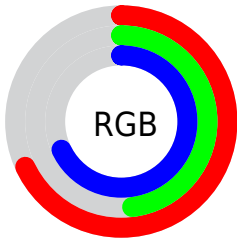
Format	Color
<a href="#">RYB</a>	<a href="#">174, 123, 174</a>
Decimal	<a href="#">11434926</a>
CIELab	<a href="#">58.25, 28.46, -19.19</a>
CIELCh	<a href="#">58, 34.321, 326.007</a>
Yxy	<a href="#">26.2206, 0.3161, 0.2575</a>
Android (android.graphics.Color)	<a href="#">4289625006 (0xFFAE7BAE)</a>
YUV	<a href="#">144.0630, 14.7589, 26.2547</a>
Hunter-Lab	<a href="#">51.2060, 22.5610, -14.4184</a>

# Details

The Hex color **AE7BAE** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7BAE7B**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **E6B0E6**, and **794979** is the 20% darker color. If you saturate the color by 10%, you get **AE6AAE**, and if you desaturate by 10%, it is **AE8CAE**.

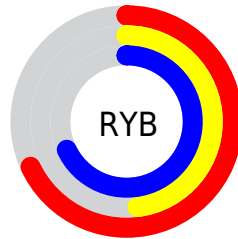
# Distribution



Red (68%)

Green (48%)

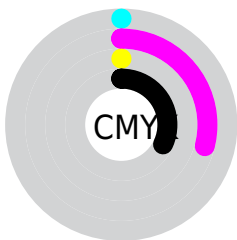
Blue (68%)



Red (68%)

Yellow (48%)

Blue (68%)

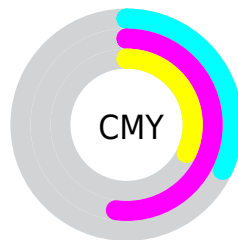


Cyan (0%)

Magenta (29%)

Yellow (0%)

Black (32%)



Cyan (32%)

Magenta (52%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE7BAE 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 AE7BAE by changing the saturation by 10% instead.





AE7BAE



AE7BAE

FFFFFF



936293



E6B0E6



794979



FFCCFF



5F3261



FFE8FF



471B49



2F0432



1B001D



000000



AE7BAE



AE7BAE



AE6AAE



AE8CAE

 AE58AE

 AE9EAE

 AE47AE

 AEAFAE

 AE35AE

 AEC1AE

 AE24AE

 AED2AE

 AE13AE

 AEE3AE

 AE01AE

 AEF5AE

 AE00AE

 AEFFAE

# Harmonies

## Analogous

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



8986C2



AE7BAE



C27591

# Triad

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



AE7BAE



A38950



009CA5

# Complementary

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



AE7BAE



7BAE7B

# 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.



379C87



AE7BAE



859255

# Square

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



AE7BAE



BA7E5B



619969



1698BD

# Rectangle

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



AE7BAE



C6757D



619969



0B9C9C



# Sweetspot

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



AE7BAE



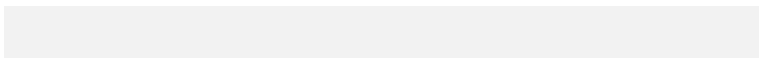
E3CFE3



7B7BAE



736673



F2F2F2



737373



# Same Dimension

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



AE7BAE



E394E3



AE7B95



574E57



960096



170017



# Inverse Universe

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



AE7BAE



E394E3



7BAE95



574E57



960096

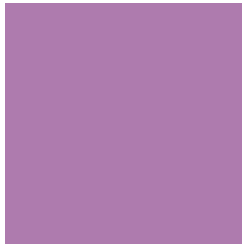


170017



# Previews

## White Background



This preview shows how the Hex color AE7BAE looks on a white background.

## Color Contrast Check

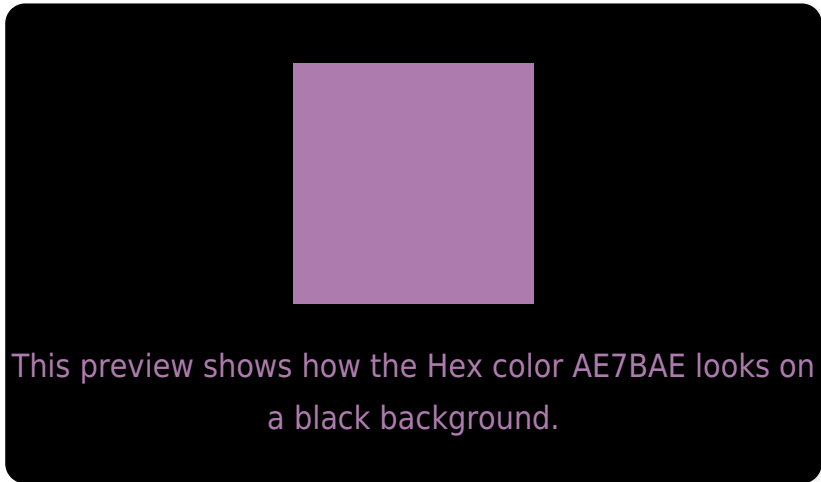
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex AE7BAE Background



This preview shows how black text looks on a background with the Hex color AE7BAE.

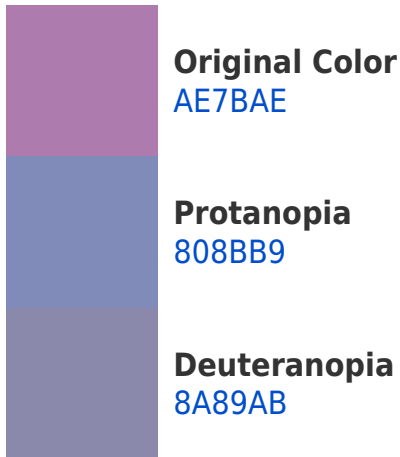



This preview shows how white text looks on a background with the Hex color AE7BAE.

# 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**  
A9828C

# Trichromacy



**Original Color**  
AE7BAE

**Protanomaly**  
9185B5

**Deuteranomaly**  
9784AC

**Tritanomaly**  
AB7F98

# Monochromacy



**Original Color**  
AE7BAE

**Achromatopsia**  
909090

**Achromatomaly**  
9B889B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE7BAE 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 #AE7BAE looks like.

```
.text, #text, p{  
    color:#AE7BAE  
}
```

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 #AE7BAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE7BAE
}
```

## Border

The CSS property to change the border of an element to Hex AE7BAE is called "border". The border property can be set on classes, ids or directly on the HTML element.

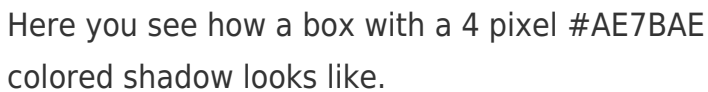
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE7BAE }
```

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

```
.border{ border-color:#AE7BAE }
```

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



Here you see how a box with a 4 pixel #AE7BAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE7BAE; -webkit-box-shadow:4px 4px  
4px 4px #AE7BAE; box-shadow:4px 4px 4px  
4px #AE7BAE }
```

# Background

The CSS property to change the background color of an element to Hex AE7BAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE7BAE }
```

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

```
.background{ background-color:#AE7BAE }
```

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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