

Converting Colors

Hex(AE87B3)

Have a look what the booklet for
Hex(AE87B3) contains.

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Color

Hex(AE87B3)

Conversions

Conversions Part 1

Format	Color
Hex	AE87B3
RGB	174, 135, 179
RGB Percent	68%, 53%, 70%
CMY	0.3176, 0.4706, 0.2980
CMYK	0.03, 0.25, 0.00, 0.30
HSL	293°, 22%, 62%
HSV	293°, 25%, 70%
XYZ	34.2562, 29.5813, 46.5521
YIQ	151.6770, 9.1200, 21.9520

Conversions

Conversions Part 2

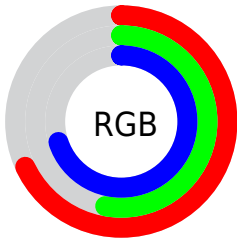
Format	Color
RYB	174, 135, 179
Decimal	11438003
CIELab	61.29, 22.67, -17.41
CIElCh	61, 28.585, 322.484
Yxy	29.5813, 0.3103, 0.2680
Android (android.graphics.Color)	4289628083 (0xFFAE87B3)
YUV	151.6770, 13.4702, 19.5773
Hunter-Lab	54.3887, 17.2464, -12.6751

Details

The Hex color **AE87B3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8CB387**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **E6BDEB**, and **79557E** is the 20% darker color. If you saturate the color by 10%, you get **AC75B3**, and if you desaturate by 10%, it is **B099B3**.

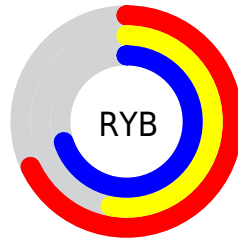
Distribution



Red (68%)

Green (53%)

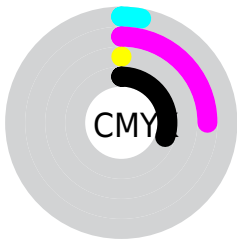
Blue (70%)



Red (68%)

Yellow (53%)

Blue (70%)

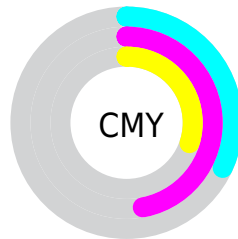


Cyan (3%)

Magenta (25%)

Yellow (0%)

Black (30%)



Cyan (32%)

Magenta (47%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE87B3 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 AE87B3 by changing the saturation by 10% instead.

 AE87B3

 AE87B3

FFFFFF

 936D98

 E6BDEB

 79557E

 FFD8FF

 603D65

 FFF5FF

 48274D

 301136

 1E0021

 000006

 000000

 AE87B3

 AE87B3

AC75B3

B099B3

AA63B3

B2ABB3

A851B3

B4BDB3

A63FB3

B6CFB3

A42EB3

B8E1B3

A21CB3

BAF2B3

A00AB3

BCFFB3

9F00B3

BEFFB3

C0FFB3

Harmonies

Analogous

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



8F90C2



AE87B3



C1829B

Triad

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



AE87B3



AB9062



41A2A6

Complementary

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



AE87B3



8CB387

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.



57A18C



AE87B3



929865

Square

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



AE87B3



BE886D



759E74



479FBB

Rectangle

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



AE87B3



C6818A



759E74



46A29E

Sweetspot

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



AE87B3



E6D8E8



878CB3



746C75



F5F5F5



757575

Same Dimension

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



AE87B3



E0A5E8



B387A2



585059



880099



17001A

Inverse Universe

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



B3878C



E8A5AC



87B398



595051



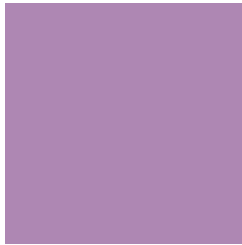
990011



1A0003

Previews

White Background



This preview shows how the Hex color AE87B3 looks on a white background.

Color Contrast Check

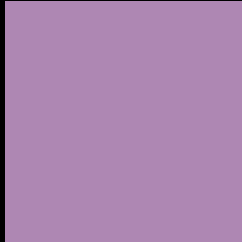
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color AE87B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

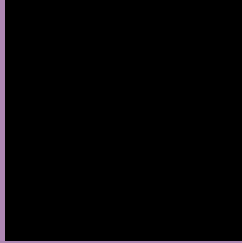
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex AE87B3 Background



This preview shows how black text looks on a background with the Hex color AE87B3.

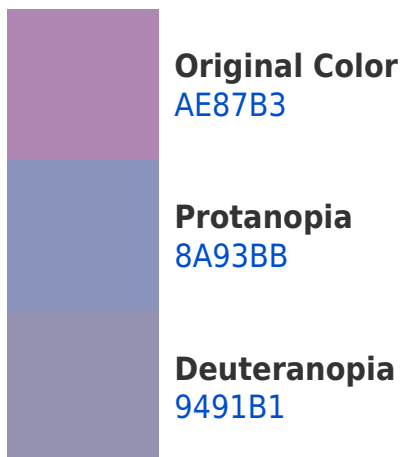


This preview shows how white text looks on a background with the Hex color AE87B3.

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
AA8C97

Trichromacy



Original Color
AE87B3

Protanomaly
978FB8

Deuteranomaly
9D8DB2

Tritanomaly
AB8AA1

Monochromacy



Original Color
AE87B3

Achromatopsia
989898

Achromatomaly
A092A2

CSS Examples

Text

The CSS property to change the color of the text to Hex AE87B3 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 #AE87B3 looks like.

```
.text, #text, p{  
    color:#AE87B3  
}
```

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 #AE87B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE87B3
}
```

Border

The CSS property to change the border of an element to Hex AE87B3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

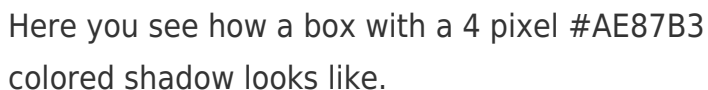
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE87B3 }
```

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

```
.border{ border-color:#AE87B3 }
```

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



Here you see how a box with a 4 pixel `#AE87B3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE87B3; -webkit-box-shadow:4px 4px  
4px 4px #AE87B3; box-shadow:4px 4px 4px  
4px #AE87B3 }
```

Background

The CSS property to change the background color of an element to Hex AE87B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE87B3 }
```

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

```
.background{ background-color:#AE87B3 }
```

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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