

Converting Colors

Hex(AE87A7)

Have a look what the booklet for
Hex(AE87A7) contains.

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Color

Hex(AE87A7)

Conversions

Conversions Part 1

Format	Color
Hex	AE87A7
RGB	174, 135, 167
RGB Percent	68%, 53%, 65%
CMY	0.3176, 0.4706, 0.3451
CMYK	0.00, 0.22, 0.04, 0.32
HSL	311°, 19%, 61%
HSV	311°, 22%, 68%
XYZ	33.0946, 29.1166, 40.4350
YIQ	150.3090, 12.9720, 18.2200

Conversions

Conversions Part 2

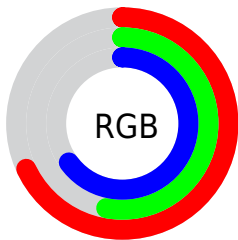
Format	Color
RYB	174, 135, 167
Decimal	11437991
CIELab	60.88, 20.36, -11.20
CIElCh	61, 23.235, 331.188
Yxy	29.1166, 0.3224, 0.2837
Android (android.graphics.Color)	4289628071 (0xFFAE87A7)
YUV	150.3090, 8.2287, 20.7770
Hunter-Lab	53.9598, 15.0477, -6.6573

Details

The Hex color **AE87A7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **87AE8E**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **E6BDDE**, and **795573** is the 20% darker color. If you saturate the color by 10%, you get **AE76A4**, and if you desaturate by 10%, it is **AE98AA**.

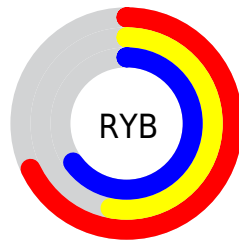
Distribution



Red (68%)

Green (53%)

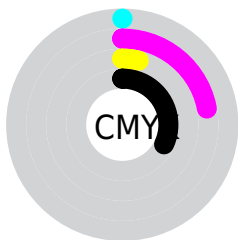
Blue (65%)



Red (68%)

Yellow (53%)

Blue (65%)

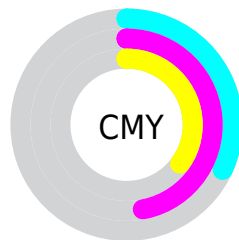


Cyan (0%)

Magenta (22%)

Yellow (4%)

Black (32%)



Cyan (32%)

Magenta (47%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE87A7 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 AE87A7 by changing the saturation by 10% instead.



AE87A7



AE87A7

FFFFFF



936D8D



E6BDDE



795573



FFD8FB



603D5A



FFF5FF



482743



31112D



1E0019



000000



AE87A7



AE87A7



AE76A4



AE98AA

 AE64A1

 AEAAAD

 AE539E

 AE BBB0

 AE419B

 AE CDB3

 AE3097

 AE DEB7

 AE1F94

 AE EFBA

 AE0D91

 AE FFBD

 AE008F

 AE FF C0

 AE FF C3

Harmonies

Analogous

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



978DB6



AE87A7



BB8493

Triad

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



AE87A7



A1926A



569EA7

Complementary

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



AE87A7



87AE8E

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.



5F9E93



AE87A7



8B986F

Square

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



AE87A7



B28B70



739C7F



619AB6

Rectangle

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



AE87A7



BD8585



739C7F



579EA1

Sweetspot

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



AE87A7



E3D3E0



8D87AE



736A71



F2F2F2



737373

Same Dimension

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



AE87A7



E3A6D8



AE8794



574E55



96007B



170013

Inverse Universe

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



AE87A7



E3A6D8



87AEA1



574E55



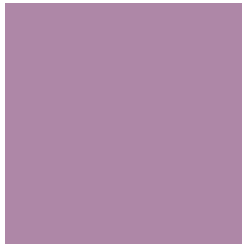
96007B



170013

Previews

White Background



This preview shows how the Hex color AE87A7 looks on a white background.

Color Contrast Check

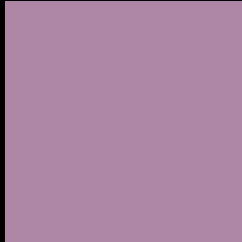
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE87A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

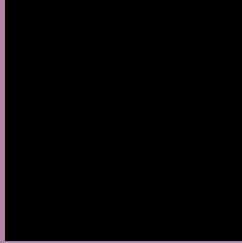
Any Text WCAG AA ✓ Pass

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 AE87A7 Background



This preview shows how black text looks on a background with the Hex color AE87A7.

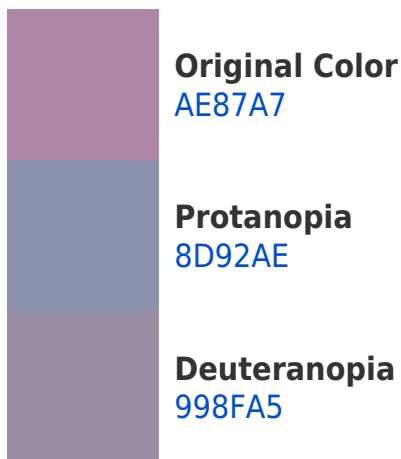



This preview shows how white text looks on a background with the Hex color AE87A7.

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](#).

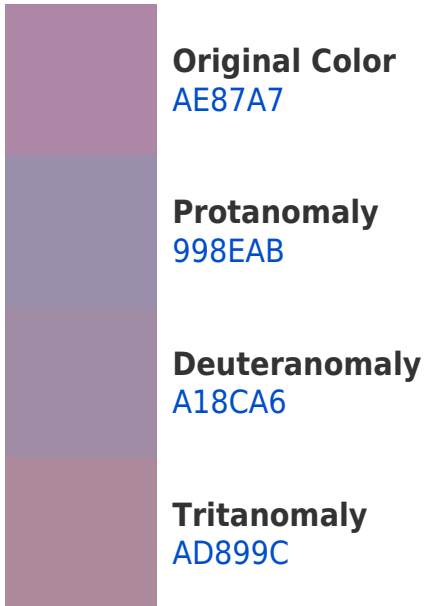
Dichromacy





Tritanopia
AC8A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AE87A7 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 #AE87A7 looks like.

```
.text, #text, p{  
    color:#AE87A7  
}
```

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 #AE87A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE87A7
}
```

Border

The CSS property to change the border of an element to Hex AE87A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

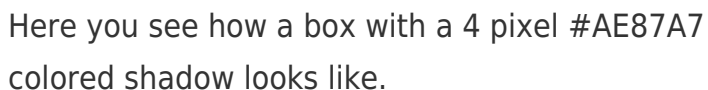
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE87A7 }
```

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

```
.border{ border-color:#AE87A7 }
```

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



Here you see how a box with a 4 pixel `#AE87A7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE87A7; -webkit-box-shadow:4px 4px  
4px 4px #AE87A7; box-shadow:4px 4px 4px  
4px #AE87A7 }
```

Background

The CSS property to change the background color of an element to Hex AE87A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE87A7 }
```

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

```
.background{ background-color:#AE87A7 }
```

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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