

Converting Colors

Hex(AE76A8)

Have a look what the booklet for
Hex(AE76A8) contains.

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Color

Hex(AE76A8)

Conversions

Conversions Part 1

Format	Color
Hex	AE76A8
RGB	174, 118, 168
RGB Percent	68%, 46%, 66%
CMY	0.3176, 0.5373, 0.3412
CMYK	0.00, 0.32, 0.03, 0.32
HSL	306°, 26%, 57%
HSV	306°, 32%, 68%
XYZ	31.0019, 24.7827, 40.1953
YIQ	140.4440, 17.3260, 27.4220

Conversions

Conversions Part 2

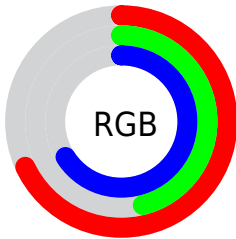
Format	Color
RYB	174, 118, 168
Decimal	11433640
CIELab	56.86, 30.12, -17.85
CIElCh	57, 35.006, 329.349
Yxy	24.7827, 0.3230, 0.2582
Android (android.graphics.Color)	4289623720 (0xFFAE76A8)
YUV	140.4440, 13.5851, 29.4286
Hunter-Lab	49.7822, 24.0420, -13.0246

Details

The Hex color **AE76A8** is a light color, and the websafe version is hex **996699**. A complement of this color would be **76AE7C**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **E6ABDF**, and **794474** is the 20% darker color. If you saturate the color by 10%, you get **AE65A6**, and if you desaturate by 10%, it is **AE87AA**.

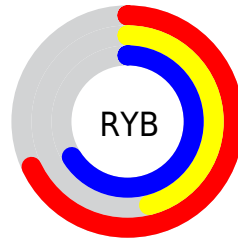
Distribution



Red (68%)

Green (46%)

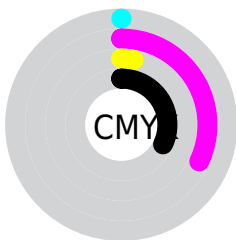
Blue (66%)



Red (68%)

Yellow (46%)

Blue (66%)

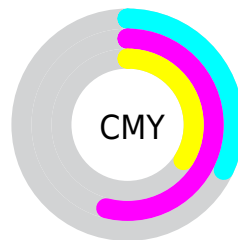


Cyan (0%)

Magenta (32%)

Yellow (3%)

Black (32%)



Cyan (32%)

Magenta (54%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE76A8 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 AE76A8 by changing the saturation by 10% instead.

 AE76A8

 AE76A8

FFFFFF

 935D8E

 E6ABDF

 794474

 FFC6FC

 5F2D5B

 FFE3FF

 461544

 2F002D

 170018

 000000

 AE76A8

 AE76A8

 AE65A6

 AE87AA

 AE53A4

 AE99AC

 AE42A2

 AEAAAE

 AE30A1

 AEBCAF

 AE1F9F

 AECD B1

 AE0E9D

 AEDEB3

 AE009B

 AEF0B5

 AEFFB7

 AEFFB9

Harmonies

Analogous

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



8A81BE



AE76A8



C1708A

Triad

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



AE76A8



9C864B



0098A5

Complementary

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



AE76A8



76AE7C

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.



289887



AE76A8



7D9052

Square

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



AE76A8



B57C55



589668



0A94BC

Rectangle

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



AE76A8



C37176



589668



00989C

Sweetspot

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



AE76A8



E3CCE1



7C76AE



736571



F2F2F2



737373

Same Dimension

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



AE76A8



E38AD9



AE768C



574E56



960086



170014

Inverse Universe

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



AE76A8



E38AD9



76AE98



574E56



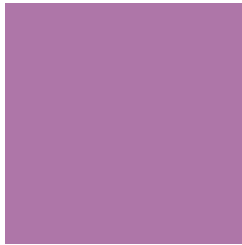
960086



170014

Previews

White Background



This preview shows how the Hex color AE76A8 looks on a white background.

Color Contrast Check

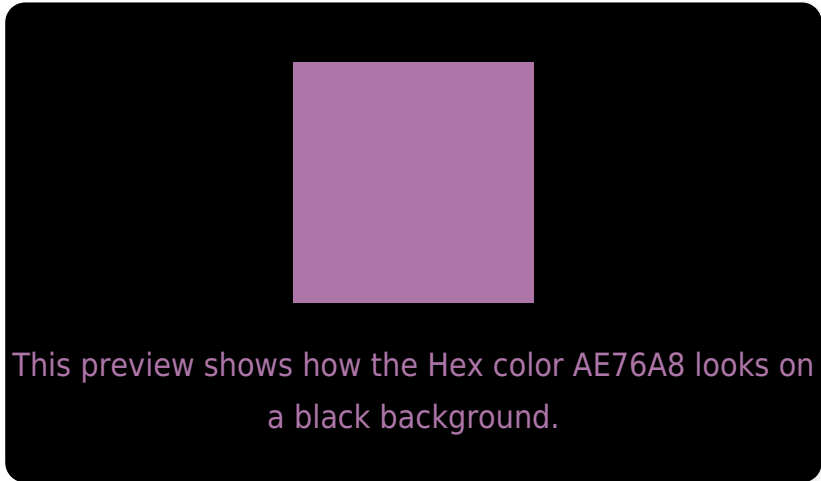
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE76A8 Background



This preview shows how black text looks on a background with the Hex color AE76A8.

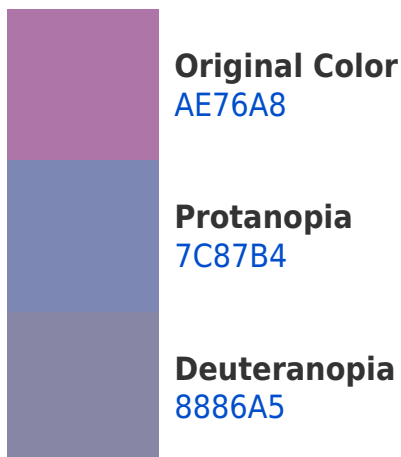



This preview shows how white text looks on a background with the Hex color AE76A8.

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
AA7D86

Trichromacy



Original Color
AE76A8



Protanomaly
8E81B0



Deuteranomaly
9680A6

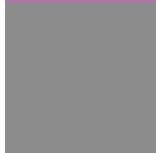


Tritanomaly
AB7A92

Monochromacy



Original Color
AE76A8



Achromatopsia
8C8C8C



Achromatomaly
988496

CSS Examples

Text

The CSS property to change the color of the text to Hex AE76A8 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 #AE76A8 looks like.

```
.text, #text, p{  
    color:#AE76A8  
}
```

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 #AE76A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE76A8
}
```

Border

The CSS property to change the border of an element to Hex AE76A8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

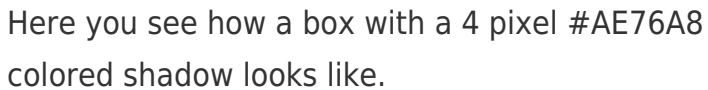
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE76A8 }
```

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

```
.border{ border-color:#AE76A8 }
```

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



Here you see how a box with a 4 pixel #AE76A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE76A8; -webkit-box-shadow:4px 4px  
4px 4px #AE76A8; box-shadow:4px 4px 4px  
4px #AE76A8 }
```

Background

The CSS property to change the background color of an element to Hex AE76A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE76A8 }
```

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

```
.background{ background-color:#AE76A8 }
```

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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