

Converting Colors

Hex(AE78DF)

Have a look what the booklet for
Hex(AE78DF) contains.

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Color

Hex(AE78DF)

Conversions

Conversions Part 1

Format	Color
Hex	AE78DF
RGB	174, 120, 223
RGB Percent	68%, 47%, 87%
CMY	0.3176, 0.5294, 0.1255
CMYK	0.22, 0.46, 0.00, 0.13
HSL	271°, 62%, 67%
HSV	271°, 46%, 87%
XYZ	37.4913, 27.7593, 73.1941
YIQ	147.8880, -0.8790, 43.4810

Conversions

Conversions Part 2

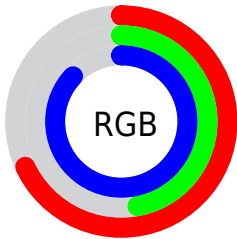
Format	Color
RYB	174, 120, 223
Decimal	11434207
CIELab	59.67, 40.52, -44.73
CIElCh	60, 60.360, 312.174
Yxy	27.7593, 0.2708, 0.2005
Android (android.graphics.Color)	4289624287 (0xFFAE78DF)
YUV	147.8880, 37.0302, 22.9002
Hunter-Lab	52.6871, 34.8153, -45.4860

Details

The Hex color **AE78DF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A9DF78**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **E7ADFF**, and **7746A7** is the 20% darker color. If you saturate the color by 10%, you get **A362DF**, and if you desaturate by 10%, it is **B98EDF**.

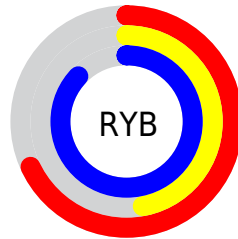
Distribution



Red (68%)

Green (47%)

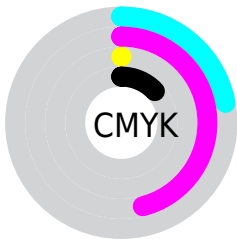
Blue (87%)



Red (68%)

Yellow (47%)

Blue (87%)

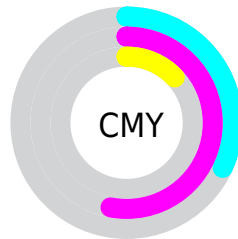


Cyan (22%)

Magenta (46%)

Yellow (0%)

Black (13%)



Cyan (32%)

Magenta (53%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE78DF 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 AE78DF by changing the saturation by 10% instead.

 AE78DF

 AE78DF

FFFFFF

 925EC3

 E7ADFF

 7746A7

 FFC9FF

 5C2D8C

 FFE6FF

 421572

 270059

 120042

 00032A

 000114

 000000

 AE78DF

 AE78DF

 A362DF

 B98EDF

 994BDF

 C3A5DF

 8E35DF

 CEBBDF

 841FDF

 D8D1DF

 7909DF

 E3E8DF

 7500DF

 EEFEDF

 F8FFDF

 FFFFDF

Harmonies

Analogous

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



4B8EF8



AE78DF



DF62B2

Triad

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



AE78DF



C58123



00A9A5

Complementary

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



AE78DF



A9DF78

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.



00A76D



AE78DF



979418

Square

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



AE78DF



E56C4B



5BA03B



00A7D6

Rectangle

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



AE78DF



EE5C8E



5BA03B



00A992

Sweetspot

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



AE78DF



EEDBFF



78AADF



756A80



000000



808080

Same Dimension

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



AE78DF



BC73FF



DF78DD



6B6570



5C00B0



190030

Inverse Universe

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



DF78A9



FF73B5



78DF7A



70656A



B00054



300017

Previews

White Background



This preview shows how the Hex color AE78DF looks on a white background.

Color Contrast Check

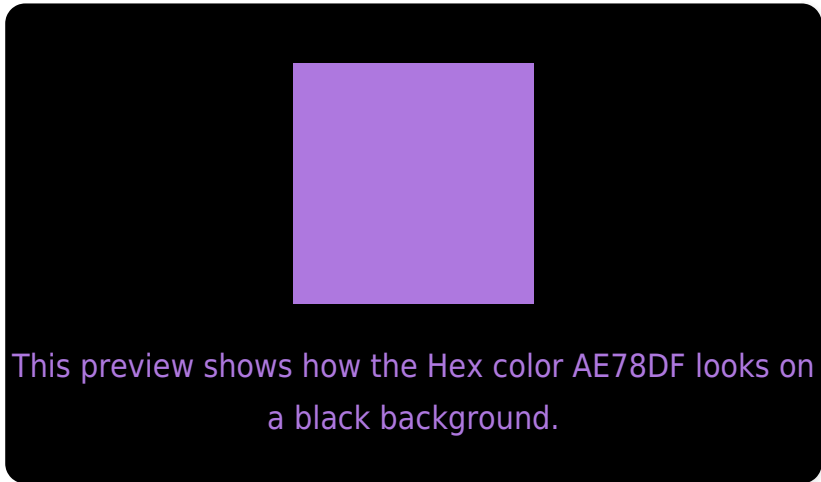
Large Text (above 18pt) WCAG AA ✓ Pass

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

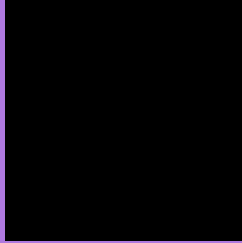
Any Text WCAG AA ✓ Pass

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 AE78DF Background



This preview shows how black text looks on a background with the Hex color AE78DF.

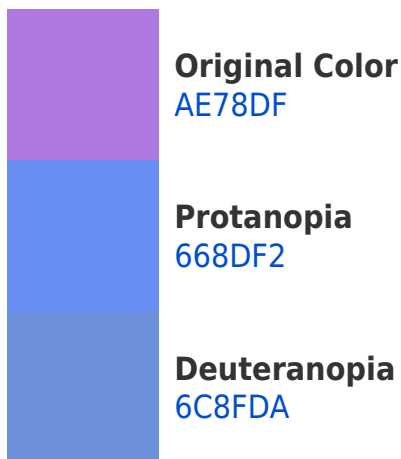



This preview shows how white text looks on a background with the Hex color AE78DF.

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](#).

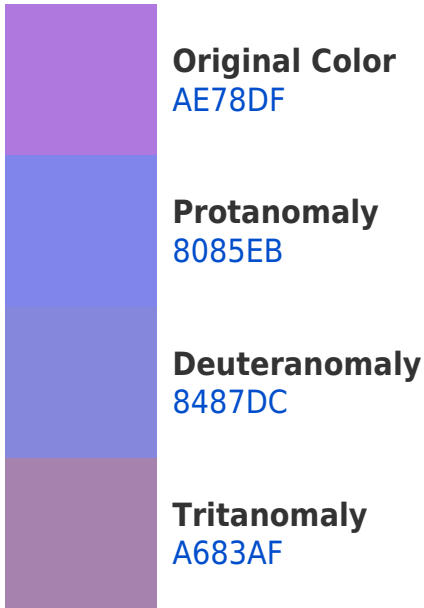
Dichromacy



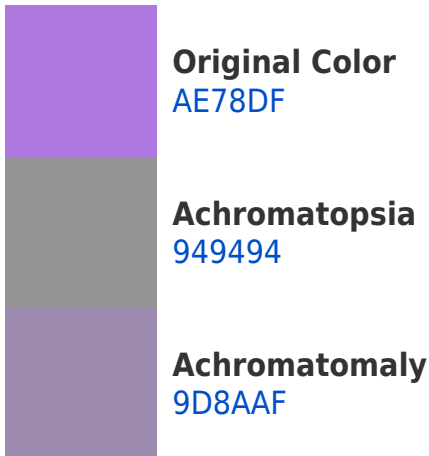


Tritanopia
A18994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AE78DF 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 #AE78DF looks like.

```
.text, #text, p{  
    color:#AE78DF  
}
```

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 #AE78DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE78DF
}
```

Border

The CSS property to change the border of an element to Hex AE78DF is called "border". The border property can be set on classes, ids or directly on the HTML element.

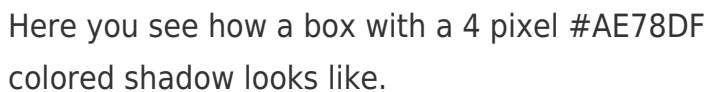
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE78DF }
```

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

```
.border{ border-color:#AE78DF }
```

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



Here you see how a box with a 4 pixel #AE78DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE78DF; -webkit-box-shadow:4px 4px  
4px 4px #AE78DF; box-shadow:4px 4px 4px  
4px #AE78DF }
```

Background

The CSS property to change the background color of an element to Hex AE78DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE78DF }
```

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

```
.background{ background-color:#AE78DF }
```

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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