

Converting Colors

Hex(AF78BC)

Have a look what the booklet for
Hex(AF78BC) contains.

Hex(AF78BC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AF78BC)

Conversions

Conversions Part 1

Format	Color
Hex	AF78BC
RGB	175, 120, 188
RGB Percent	69%, 47%, 74%
CMY	0.3137, 0.5294, 0.2627
CMYK	0.07, 0.36, 0.00, 0.26
HSL	289°, 34%, 60%
HSV	289°, 36%, 74%
XYZ	33.4728, 26.1777, 50.8656
YIQ	144.1970, 10.9520, 32.8080

Conversions

Conversions Part 2

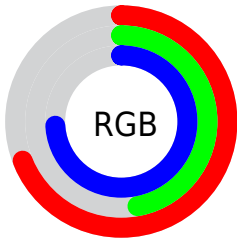
Format	Color
RYB	175, 120, 188
Decimal	11499708
CIELab	58.21, 33.24, -27.25
CIELCh	58, 42.980, 320.661
Yxy	26.1777, 0.3029, 0.2369
Android (android.graphics.Color)	4289689788 (0xFFAF78BC)
YUV	144.1970, 21.5949, 27.0142
Hunter-Lab	51.1642, 27.2414, -23.1290

Details

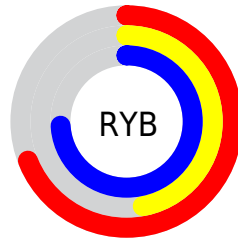
The Hex color **AF78BC** is a light color, and the websafe version is hex **996699**. A complement of this color would be **85BC78**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **E7ADF4**, and **794686** is the 20% darker color. If you saturate the color by 10%, you get **AB65BC**, and if you desaturate by 10%, it is **B38BBC**.

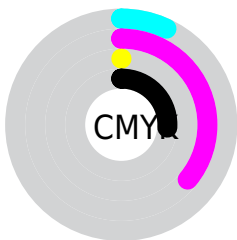
Distribution



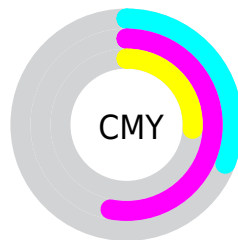
- Red (69%)
- Green (47%)
- Blue (74%)



- Red (69%)
- Yellow (47%)
- Blue (74%)



- Cyan (7%)
- Magenta (36%)
- Yellow (0%)
- Black (26%)



- Cyan (31%)
- Magenta (53%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF78BC 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 AF78BC by changing the saturation by 10% instead.

 AF78BC

 AF78BC

FFFFFF

 945FA1

 E7ADF4

 794686

 FFC9FF

 602E6D

 FFE5FF

 471654

 2F003D

 1B0027

 000110

 000000


 AF78BC

 AF78BC

 AB65BC

 B38BBC

 A852BC

 B69EBC

 A440BC

 BAB0BC

 A12DBC

 BDC3BC

 9D1ABC

 C1D6BC

 9907BC

 C5E9BC

 9800BC

 C8FCBC

 CCFFBC

 CFFFBC

Harmonies

Analogous

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



7C87D2



AF78BC



CC6E99

Triad

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



AF78BC



AD8640



009FA5

Complementary

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



AF78BC



85BC78

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.



0C9E7E



AF78BC



899243

Square

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



AF78BC



C77853



5D9A5B



009CC5

Rectangle

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



AF78BC



D36C80



5D9A5B



009F99

Sweetspot

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



AF78BC



F0DAF5



7886BC



776A7A



FAFAFA



7A7A7A

Same Dimension

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



AF78BC



E18CF5



BC78A8



5D555E



80009E



19001F

Inverse Universe

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



BC7885



F58CA0



78BC8C



5E5557



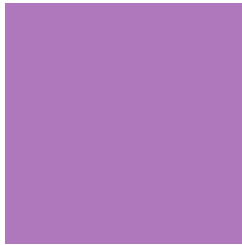
9E001E



1F0006

Previews

White Background



This preview shows how the Hex color AF78BC looks on a white background.

Color Contrast Check

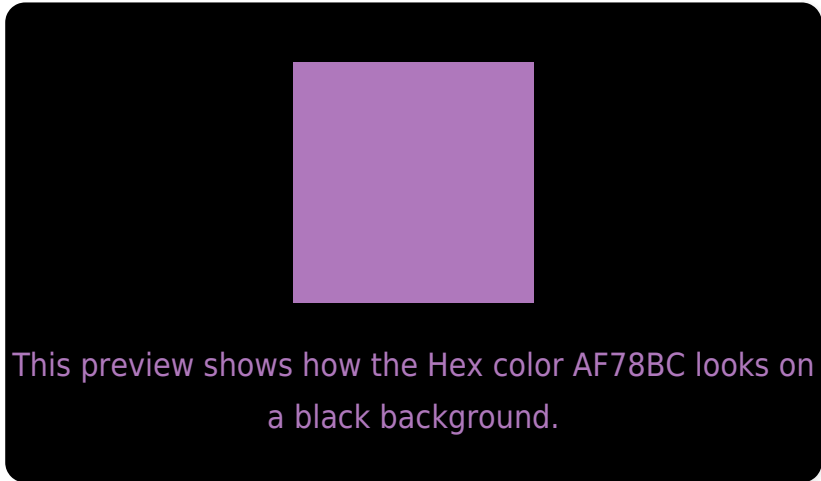
Large Text (above 18pt) WCAG AA ✓ Pass

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

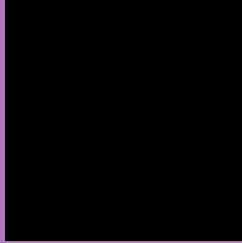
Any Text WCAG AA ✓ Pass

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 AF78BC Background



This preview shows how black text looks on a background with the Hex color AF78BC.

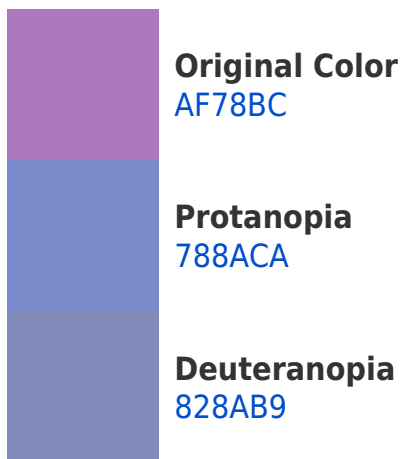



This preview shows how white text looks on a background with the Hex color AF78BC.

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](#).

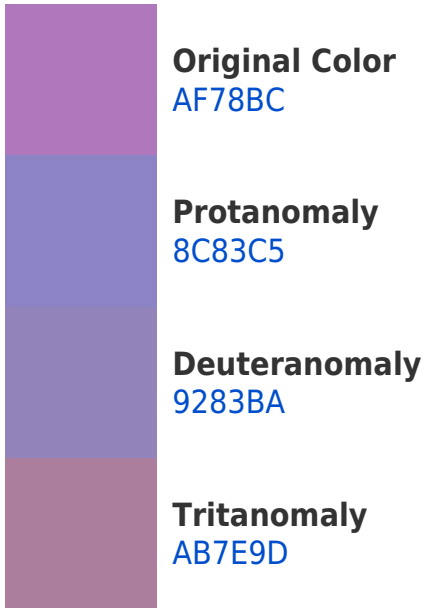
Dichromacy



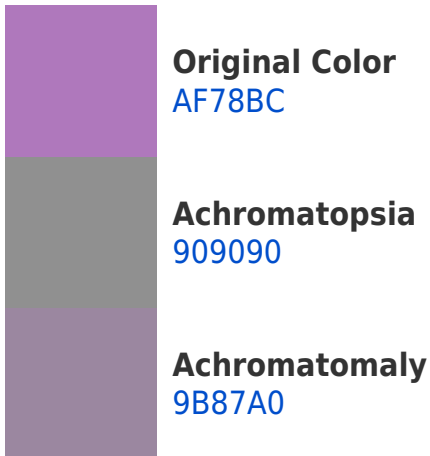


Tritanopia
A8828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF78BC 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 #AF78BC looks like.

```
.text, #text, p{  
    color:#AF78BC  
}
```

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 #AF78BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF78BC
}
```

Border

The CSS property to change the border of an element to Hex AF78BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

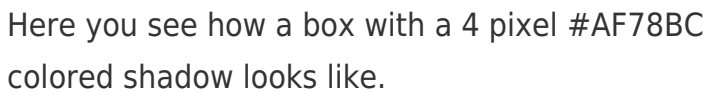
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF78BC }
```

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

```
.border{ border-color:#AF78BC }
```

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



Here you see how a box with a 4 pixel #AF78BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF78BC; -webkit-box-shadow:4px 4px  
4px 4px #AF78BC; box-shadow:4px 4px 4px  
4px #AF78BC }
```

Background

The CSS property to change the background color of an element to Hex AF78BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF78BC }
```

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

```
.background{ background-color:#AF78BC }
```

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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