

Converting Colors

Hex(AF78AC)

Have a look what the booklet for
Hex(AF78AC) contains.

Hex(AF78AC)	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(AF78AC)

Conversions

Conversions Part 1

Format	Color
Hex	AF78AC
RGB	175, 120, 172
RGB Percent	69%, 47%, 67%
CMY	0.3137, 0.5294, 0.3255
CMYK	0.00, 0.31, 0.02, 0.31
HSL	303°, 26%, 58%
HSV	303°, 31%, 69%
XYZ	31.8421, 25.5255, 42.2784
YIQ	142.3730, 16.0880, 27.8320

Conversions

Conversions Part 2

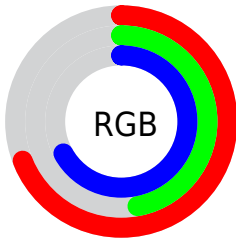
Format	Color
RYB	175, 120, 172
Decimal	11499692
CIELab	57.58, 30.09, -19.04
CIELCh	58, 35.609, 327.675
Yxy	25.5255, 0.3196, 0.2562
Android (android.graphics.Color)	4289689772 (0xFFAF78AC)
YUV	142.3730, 14.6061, 28.6139
Hunter-Lab	50.5227, 24.0853, -14.2491

Details

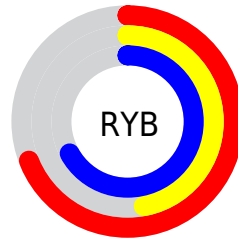
The Hex color **AF78AC** is a light color, and the websafe version is hex **996699**. A complement of this color would be **78AF7B**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **E7ADE3**, and **7A4678** is the 20% darker color. If you saturate the color by 10%, you get **AF66AB**, and if you desaturate by 10%, it is **AF8AAD**.

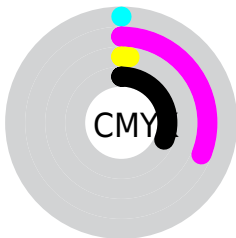
Distribution



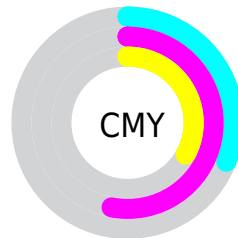
- Red (69%)
- Green (47%)
- Blue (67%)



- Red (69%)
- Yellow (47%)
- Blue (67%)



- Cyan (0%)
- Magenta (31%)
- Yellow (2%)
- Black (31%)



- Cyan (31%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF78AC 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 AF78AC by changing the saturation by 10% instead.

 AF78AC

 AF78AC

FFFFFF

 945F91

 E7ADE3

 7A4678

 FFC9FF

 602F5F

 FFE5FF

 471747

 300030

 1A001B

 000000

 AF78AC

 AF78AC

 AF66AB

 AF8AAD

 AF55AA

 AF9BAE

 AF44A9

 AFADAF

 AF32A8

 AFBEB0

 AF21A7

 AFD0B1

 AF0FA6

 AFE1B2

 AF00A5

 AFF3B3

 AFFF B4

 AFFF B5

Harmonies

Analogous

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



8A83C1



AF78AC



C3728E

Triad

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



AF78AC



A0884B



009AA6

Complementary

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



AF78AC



78AF7B

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.



2B9A87



AF78AC



819152

Square

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



AF78AC



B97D57



5B9768



0096BE

Rectangle

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



AF78AC



C77279



5B9768



009B9C

Sweetspot

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



AF78AC



E3CFE2



7B78AF



736672



F2F2F2



737373

Same Dimension

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



AF78AC



E38DDE



AF7891



574E56



96008E



170016

Inverse Universe

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



AF78AC



E38DDE



78AF96



574E56



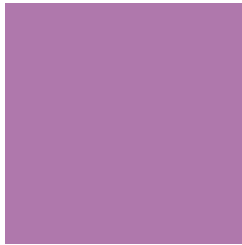
96008E



170016

Previews

White Background



This preview shows how the Hex color AF78AC looks on a white background.

Color Contrast Check

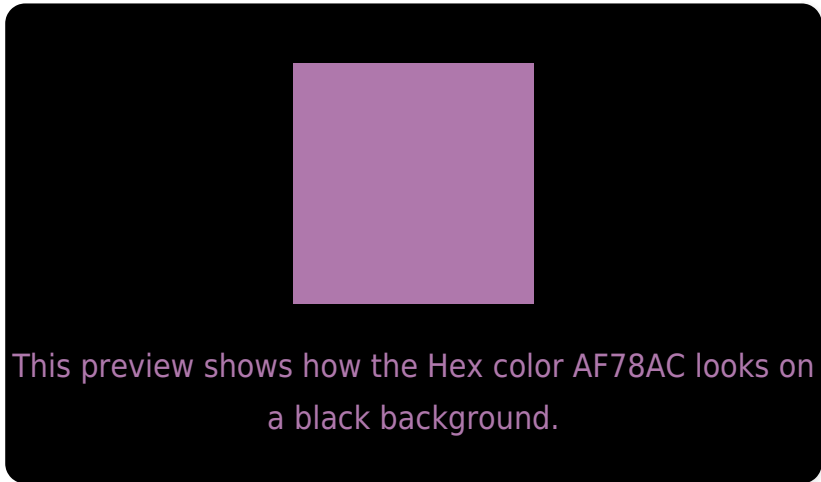
Large Text (above 18pt) WCAG AA ✓ Pass

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

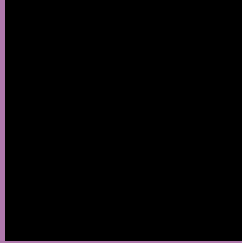
Any Text WCAG AA ✓ Pass

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 AF78AC Background



This preview shows how black text looks on a background with the Hex color AF78AC.

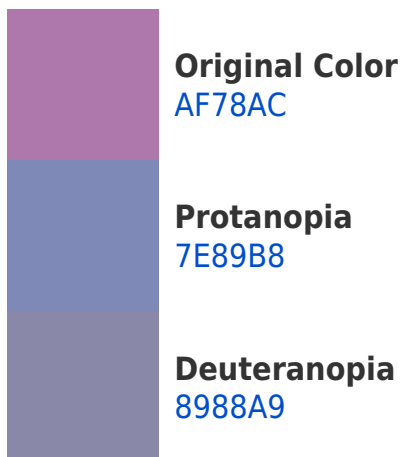


This preview shows how white text looks on a background with the Hex color AF78AC.

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](#).

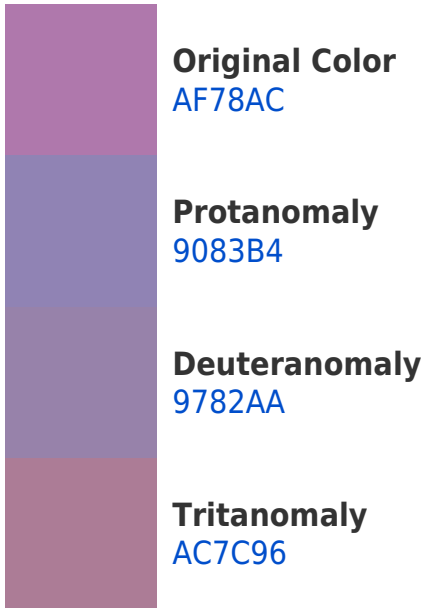
Dichromacy



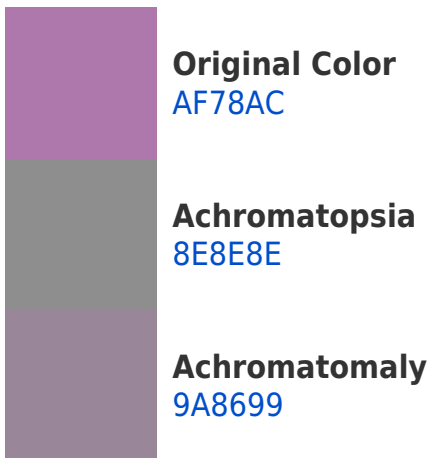


Tritanopia
AA7F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF78AC 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 #AF78AC looks like.

```
.text, #text, p{  
    color:#AF78AC  
}
```

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 #AF78AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF78AC
}
```

Border

The CSS property to change the border of an element to Hex AF78AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

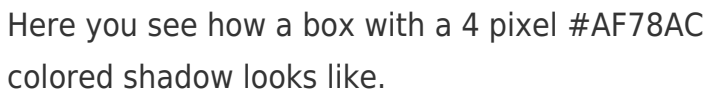
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF78AC }
```

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

```
.border{ border-color:#AF78AC }
```

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



Here you see how a box with a 4 pixel #AF78AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF78AC; -webkit-box-shadow:4px 4px  
4px 4px #AF78AC; box-shadow:4px 4px 4px  
4px #AF78AC }
```

Background

The CSS property to change the background color of an element to Hex AF78AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF78AC }
```

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

```
.background{ background-color:#AF78AC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor