

Converting Colors

Hex(AA78B6)

Have a look what the booklet for
Hex(AA78B6) contains.

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Color

Hex(AA78B6)

Conversions

Conversions Part 1

Format	Color
Hex	AA78B6
RGB	170, 120, 182
RGB Percent	67%, 47%, 71%
CMY	0.3333, 0.5294, 0.2863
CMYK	0.07, 0.34, 0.00, 0.29
HSL	288°, 30%, 59%
HSV	288°, 34%, 71%
XYZ	31.7375, 25.3564, 47.4775
YIQ	142.0180, 9.8980, 29.8820

Conversions

Conversions Part 2

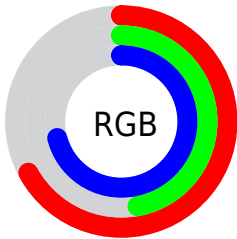
Format	Color
RYB	170, 120, 182
Decimal	11172022
CIELab	57.42, 30.41, -25.07
CIELCh	57, 39.415, 320.497
Yxy	25.3564, 0.3035, 0.2425
Android (android.graphics.Color)	4289362102 (0xFFAA78B6)
YUV	142.0180, 19.7111, 24.5402
Hunter-Lab	50.3551, 24.3825, -20.6532

Details

The Hex color **AA78B6** is a light color, and the websafe version is hex **996699**. A complement of this color would be **84B678**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **E2ADEE**, and **754681** is the 20% darker color. If you saturate the color by 10%, you get **A666B6**, and if you desaturate by 10%, it is **AE8AB6**.

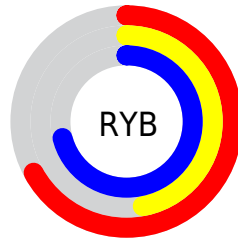
Distribution



Red (67%)

Green (47%)

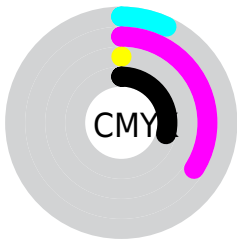
Blue (71%)



Red (67%)

Yellow (47%)

Blue (71%)

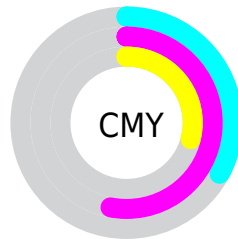


Cyan (7%)

Magenta (34%)

Yellow (0%)

Black (29%)



Cyan (33%)

Magenta (53%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA78B6 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 AA78B6 by changing the saturation by 10% instead.

■ AA78B6

■ AA78B6

FFFFFF

■ 8F5F9B

■ E2ADEE

■ 754681

■ FFC9FF

■ 5B2F68

■ FFE5FF

■ 43184F

■ 2B0138

■ 150022

■ 000008

■ 000000

■ AA78B6

■ AA78B6

 A666B6

 AE8AB6

 A354B6

 B19CB6

 9F41B6

 B5AFB6

 9C2FB6

 B8C1B6

 981DB6

 BCD3B6

 950BB6

 BFE5B6

 9300B6

 C3F7B6

 C6FFB6

 CAFFB6

Harmonies

Analogous

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



7C85CA



AA78B6



C56F96

Triad

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



AA78B6



A98445



009CA1

Complementary

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



AA78B6



84B678

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.



269B7D



AA78B6



888F47

Square

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



AA78B6



C17856



60975D



0098BE

Rectangle

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



AA78B6



CB6E7F



60975D



009C95

Sweetspot

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



AA78B6



E9D5ED



7884B6



756978



F7F7F7



787878

Same Dimension

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



AA78B6



DA8CED



B678A3



5A535C



7D009C



17001C

Inverse Universe

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



B67884



ED8C9F



78B68B



5C5354



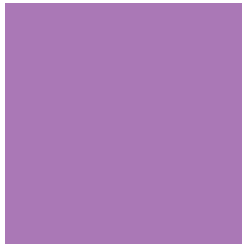
9C001E



1C0005

Previews

White Background



This preview shows how the Hex color AA78B6 looks on a white background.

Color Contrast Check

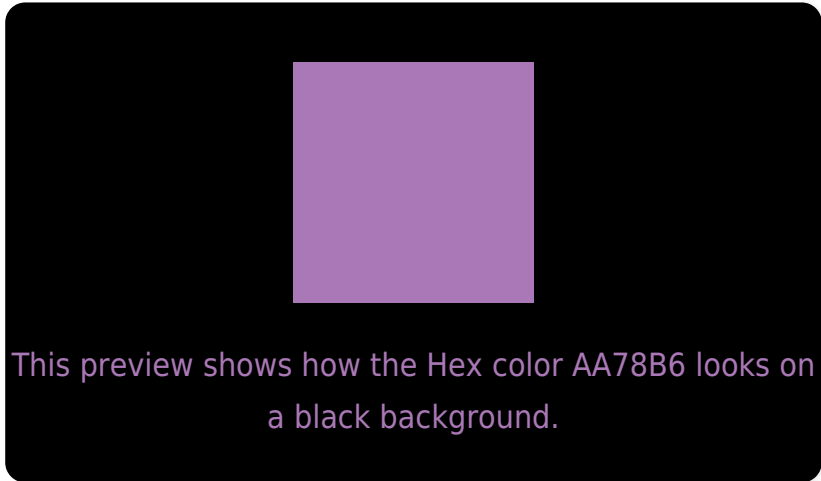
Large Text (above 18pt) WCAG AA ✓ Pass

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

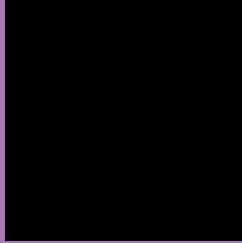
Any Text WCAG AA ✓ Pass

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 AA78B6 Background



This preview shows how black text looks on a background with the Hex color AA78B6.



This preview shows how white text looks on a background with the Hex color AA78B6.

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
A4818B

Trichromacy



Original Color
AA78B6

Protanomaly
8A82BE

Deuteranomaly
9182B4

Tritanomaly
A67E9B

Monochromacy



Original Color
AA78B6

Achromatopsia
8E8E8E

Achromatomaly
98869D

CSS Examples

Text

The CSS property to change the color of the text to Hex AA78B6 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 #AA78B6 looks like.

```
.text, #text, p{  
    color:#AA78B6  
}
```

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 #AA78B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA78B6
}
```

Border

The CSS property to change the border of an element to Hex AA78B6 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
#AA78B6 }
```

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

```
.border{ border-color:#AA78B6 }
```

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

Here you see how a box with a 4 pixel #AA78B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA78B6; -webkit-box-shadow:4px 4px  
4px 4px #AA78B6; box-shadow:4px 4px 4px  
4px #AA78B6 }
```

Background

The CSS property to change the background color of an element to Hex AA78B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA78B6 }
```

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

```
.background{ background-color:#AA78B6 }
```

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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