

Converting Colors

Hex(AA7D9B)

Have a look what the booklet for
Hex(AA7D9B) contains.

Hex(AA7D9B)	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(AA7D9B)

Conversions

Conversions Part 1

Format	Color
Hex	AA7D9B
RGB	170, 125, 155
RGB Percent	67%, 49%, 61%
CMY	0.3333, 0.5098, 0.3922
CMYK	0.00, 0.26, 0.09, 0.33
HSL	320°, 21%, 58%
HSV	320°, 26%, 67%
XYZ	29.8276, 25.5798, 34.3757
YIQ	141.8750, 17.1900, 18.8700

Conversions

Conversions Part 2

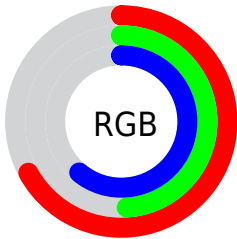
Format	Color
R _Y B	170, 125, 155
Decimal	11173275
CIE Lab	57.64, 22.38, -9.23
CIE LCh	58, 24.209, 337.599
Yxy	25.5798, 0.3322, 0.2849
Android (android.graphics.Color)	4289363355 (0xFFAA7D9B)
YUV	141.8750, 6.4706, 24.6656
Hunter-Lab	50.5765, 16.7617, -4.8945

Details

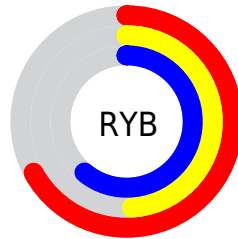
The Hex color **AA7D9B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7DAA8C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **E2B2D1**, and **754B68** is the 20% darker color. If you saturate the color by 10%, you get **AA6C95**, and if you desaturate by 10%, it is **AA8EA1**.

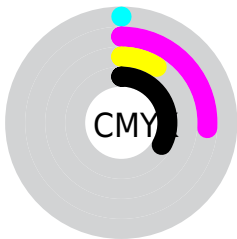
Distribution



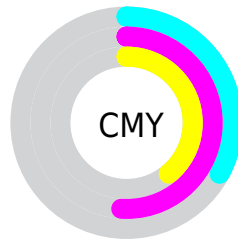
- Red (67%)
- Green (49%)
- Blue (61%)



- Red (67%)
- Yellow (49%)
- Blue (61%)



- Cyan (0%)
- Magenta (26%)
- Yellow (9%)
- Black (33%)



- Cyan (33%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA7D9B 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 AA7D9B by changing the saturation by 10% instead.

AA7D9B

AA7D9B

FFFFFF

8F6481

E2B2D1

754B68

FFCEEE

5C3450

FFEAFF

441E39

2D0823

16000D

000000

AA7D9B

AA7D9B

AA6C95

AA8EA1

■ AA5B90

■ AA9FA6

■ AA4A8A

■ AAB0AC

■ AA3984

■ AAC1B2

■ AA287F

■ AAD2B7

■ AA1779

■ AAE3BD

■ AA0673

■ AAF4C3

■ AA0071

■ AAFFC8

■ AAFFCE

Harmonies

Analogous

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



9483AC



AA7D9B



B47B86

Triad

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



AA7D9B



948B60



4995A3

Complementary

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



AA7D9B



7DAA8C

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.



50968F



AA7D9B



7D9168

Square

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



AA7D9B



A78464



64957A



5A91B1

Rectangle

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



AA7D9B



B57C78



64957A



49969D

Sweetspot

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



AA7D9B



DECCD8



8C7DAA



70656C



F0F0F0



707070

Same Dimension

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



AA7D9B



DE97C6



AA7D84



544C51



940063



14000E

Inverse Universe

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



AA7D9B



DE97C6



7DAAA2



544C51



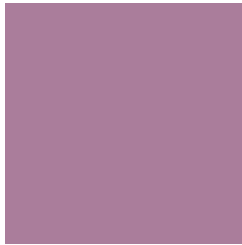
940063



14000E

Previews

White Background



This preview shows how the Hex color AA7D9B looks on a white background.

Color Contrast Check

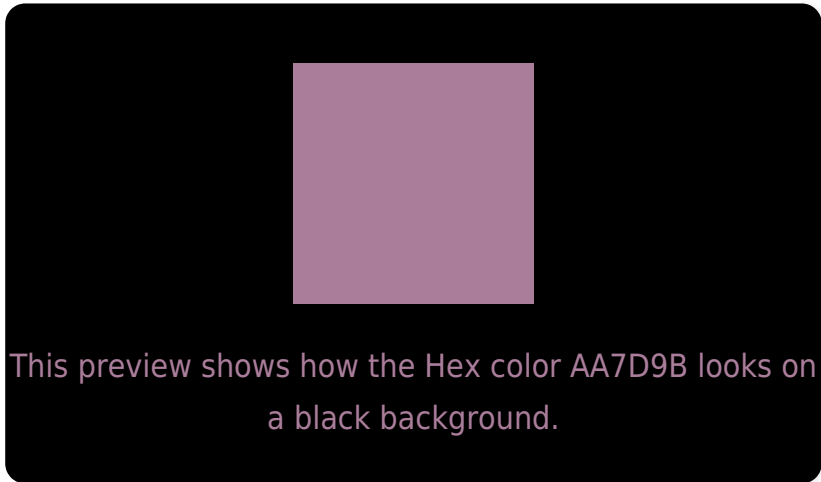
Large Text (above 18pt) WCAG AA ✓ Pass

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

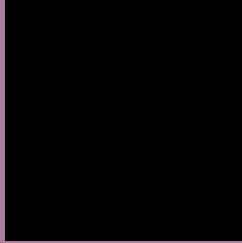
Any Text WCAG AA ✓ Pass

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 AA7D9B Background



This preview shows how black text looks on a background with the Hex color AA7D9B.

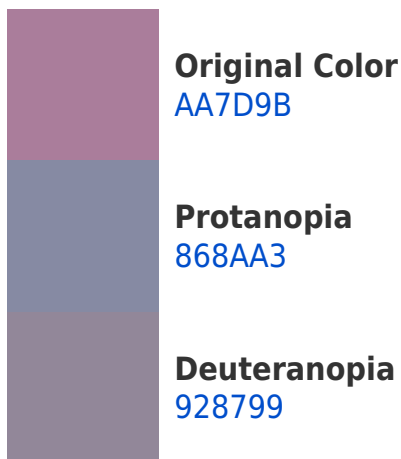


This preview shows how white text looks on a background with the Hex color AA7D9B.

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](#).

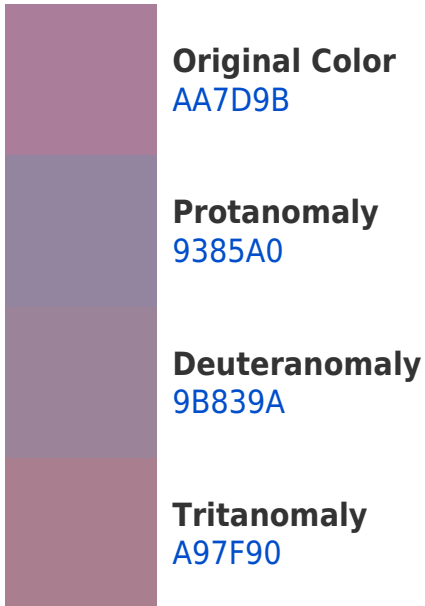
Dichromacy



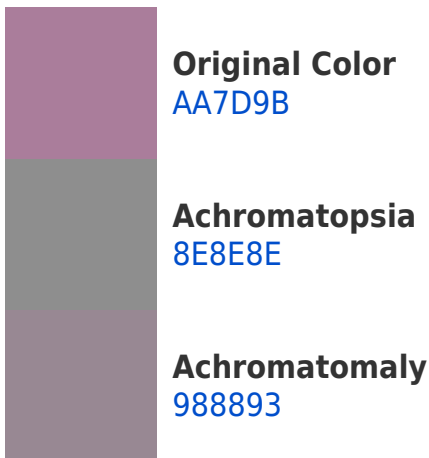


Tritanopia
A8808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA7D9B 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 #AA7D9B looks like.

```
.text, #text, p{  
    color:#AA7D9B  
}
```

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 #AA7D9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA7D9B
}
```

Border

The CSS property to change the border of an element to Hex AA7D9B 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
#AA7D9B }
```

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

```
.border{ border-color:#AA7D9B }
```

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

Here you see how a box with a 4 pixel #AA7D9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA7D9B; -webkit-box-shadow:4px 4px  
4px 4px #AA7D9B; box-shadow:4px 4px 4px  
4px #AA7D9B }
```

Background

The CSS property to change the background color of an element to Hex AA7D9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA7D9B }
```

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

```
.background{ background-color:#AA7D9B }
```

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