

Converting Colors

Hex(AA7E86)

Have a look what the booklet for
Hex(AA7E86) contains.

Hex(AA7E86)	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(AA7E86)

Conversions

Conversions Part 1

Format	Color
Hex	AA7E86
RGB	170, 126, 134
RGB Percent	67%, 49%, 53%
CMY	0.3333, 0.5059, 0.4745
CMYK	0.00, 0.26, 0.21, 0.33
HSL	349°, 21%, 58%
HSV	349°, 26%, 67%
XYZ	28.3415, 25.1890, 25.9225
YIQ	140.0680, 23.6560, 11.8160

Conversions

Conversions Part 2

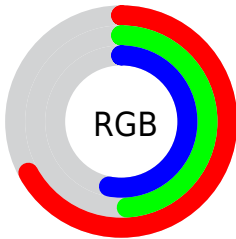
Format	Color
RYB	170, 126, 134
Decimal	11173510
CIELab	57.26, 18.27, 2.35
CIELCh	57, 18.419, 7.338
Yxy	25.1890, 0.3567, 0.3170
Android (android.graphics.Color)	4289363590 (0xFFAA7E86)
YUV	140.0680, -2.9915, 26.2504
Hunter-Lab	50.1886, 12.9688, 4.5087

Details

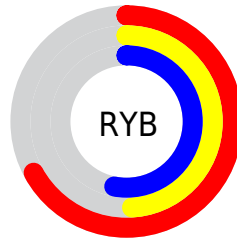
The Hex color **AA7E86** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **7EAAA2**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **E2B3BB**, and **754D55** is the 20% darker color. If you saturate the color by 10%, you get **AA6D78**, and if you desaturate by 10%, it is **AA8F94**.

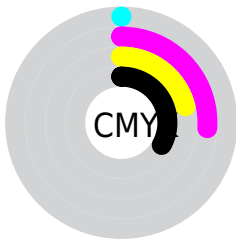
Distribution



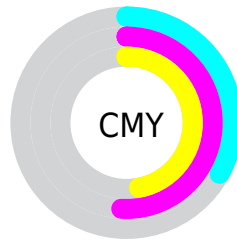
- Red (67%)
- Green (49%)
- Blue (53%)



- Red (67%)
- Yellow (49%)
- Blue (53%)



- Cyan (0%)
- Magenta (26%)
- Yellow (21%)
- Black (33%)



- Cyan (33%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA7E86 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 AA7E86 by changing the saturation by 10% instead.

■ AA7E86

■ AA7E86

FFFFFF

■ 8F656D

■ E2B3BB

■ 754D55

■ FFCFD7

■ 5C353D

■ FFEBF3

■ 431F28

■ 2C0A13

■ 100000

■ 000000

■ AA7E86

■ AA7E86

■ AA6D78

■ AA8F94

■ AA5C6A

■ AAA0A2

■ AA4B5C

■ AAB1B0

■ AA3A4E

■ AAC2BE

■ AA2940

■ AAD3CC

■ AA1833

■ AAE4D9

■ AA0725

■ AAF5E7

■ AA001F

■ AAFFF5

■ AAFFFF

Harmonies

Analogous

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



A28096



AA7E86



A98077

Triad

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



AA7E86



808E70



688EA7

Complementary

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



AA7E86



7EAAA2

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.



5D929C



AA7E86



6E927D

Square

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



AA7E86



928A6A



60938D



7C8AA9

Rectangle

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



AA7E86



A4836F



60938D



6390A4

Sweetspot

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



AA7E86



DECCCF



A27EAA



706567



F0F0F0



707070

Same Dimension

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



AA7E86



DE99A6



AA8C7E



544C4D



94001B



140004

Inverse Universe

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



AA7E86



DE99A6



7E9CAA



544C4D



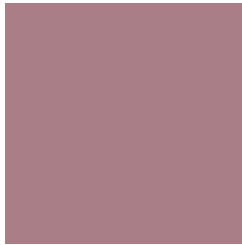
94001B



140004

Previews

White Background



This preview shows how the Hex color AA7E86 looks on a white background.

Color Contrast Check

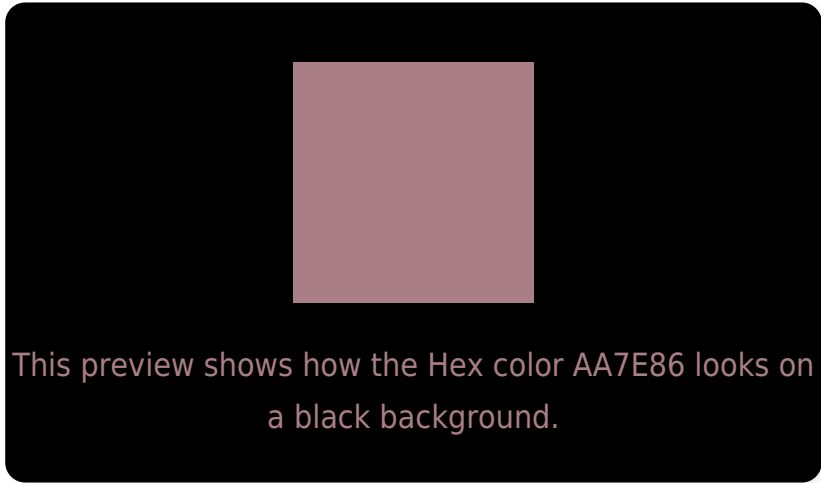
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA7E86 Background



This preview shows how black text looks on a background with the Hex color AA7E86.



This preview shows how white text looks on a background with the Hex color AA7E86.

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



Original Color
AA7E86

Protanopia
8B898C

Deuteranopia
998585



Tritanopia
AA7E87

Trichromacy



Original Color
AA7E86

Protanomaly
96858A

Deuteranomaly
9F8285

Tritanomaly
AA7E87

Monochromacy



Original Color
AA7E86

Achromatopsia
8C8C8C

Achromatomaly
97878A

CSS Examples

Text

The CSS property to change the color of the text to Hex AA7E86 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 #AA7E86 looks like.

```
.text, #text, p{  
    color:#AA7E86  
}
```

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 #AA7E86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA7E86
}
```

Border

The CSS property to change the border of an element to Hex AA7E86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

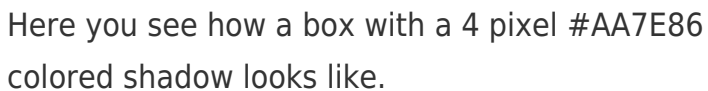
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA7E86 }
```

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

```
.border{ border-color:#AA7E86 }
```

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



Here you see how a box with a 4 pixel #AA7E86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA7E86; -webkit-box-shadow:4px 4px  
4px 4px #AA7E86; box-shadow:4px 4px 4px  
4px #AA7E86 }
```

Background

The CSS property to change the background color of an element to Hex AA7E86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA7E86 }
```

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

```
.background{ background-color:#AA7E86 }
```

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