

Converting Colors

Hex(A786A7)

Have a look what the booklet for
Hex(A786A7) contains.

Hex(A786A7)	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(A786A7)

Conversions

Conversions Part 1

Format	Color
Hex	A786A7
RGB	167, 134, 167
RGB Percent	65%, 53%, 65%
CMY	0.3451, 0.4745, 0.3451
CMYK	0.00, 0.20, 0.00, 0.35
HSL	300°, 16%, 59%
HSV	300°, 20%, 65%
XYZ	31.4365, 28.0557, 40.3176
YIQ	147.6290, 9.0750, 17.2590

Conversions

Conversions Part 2

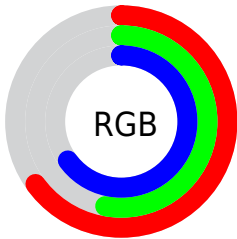
Format	Color
RYB	167, 134, 167
Decimal	10978983
CIELab	59.94, 18.46, -12.69
CIELCh	60, 22.399, 325.495
Yxy	28.0557, 0.3150, 0.2811
Android (android.graphics.Color)	4289169063 (0xFFA786A7)
YUV	147.6290, 9.5499, 16.9884
Hunter-Lab	52.9676, 13.2471, -8.0527

Details

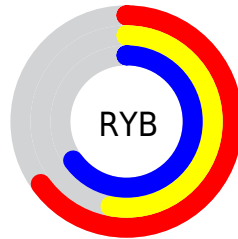
The Hex color **A786A7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **86A786**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **DEBBDE**, and **735473** is the 20% darker color. If you saturate the color by 10%, you get **A775A7**, and if you desaturate by 10%, it is **A797A7**.

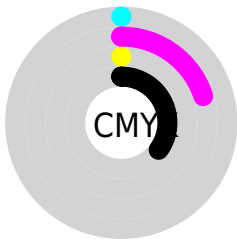
Distribution



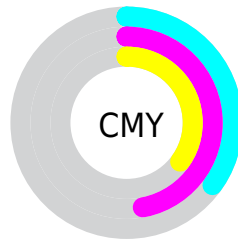
- Red (65%)
- Green (53%)
- Blue (65%)



- Red (65%)
- Yellow (53%)
- Blue (65%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (35%)



- Cyan (35%)
- Magenta (47%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color A786A7 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 A786A7 by changing the saturation by 10% instead.

 A786A7

 A786A7

FFFFFF

 8C6D8D

 DEBBDE

 735473

 FBD7FB

 5A3D5A

 FFF4FF

 422643

 2B112D

 190019

 000000

 A786A7

 A786A7

 A775A7

 A797A7

 A765A7

 A7A7A7

 A754A7

 A7B8A7

 A743A7

 A7C9A7

 A732A7

 A7D9A7

 A722A7

 A7EAA7

 A711A7

 A7FBA7

 A700A7

 A7FFA7

Harmonies

Analogous

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



908CB4



A786A7



B58294

Triad

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



A786A7



A28E69



569BA1

Complementary

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



A786A7



86A786

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.



629B8D



A786A7



8D946D

Square

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



A786A7



B18871



76997A



5D98B0

Rectangle

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



A786A7



B98287



76997A



599C9A

Sweetspot

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



A786A7



D9CCD9



8686A7



6E666E



EDEDED



6E6E6E

Same Dimension

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



A786A7



D9A5D9



A78696



544C54



940094



140014

Inverse Universe

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



A786A7



D9A5D9



86A796



544C54



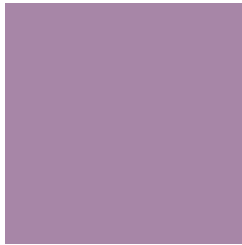
940094



140014

Previews

White Background



This preview shows how the Hex color A786A7 looks on a white background.

Color Contrast Check

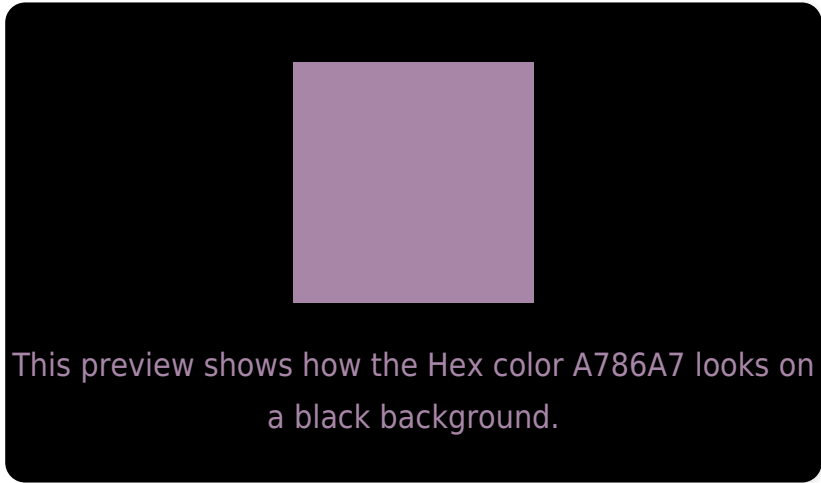
Large Text (above 18pt) WCAG AA ✓ Pass

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

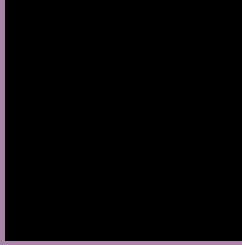
Any Text WCAG AA ✓ Pass

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 A786A7 Background



This preview shows how black text looks on a background with the Hex color A786A7.

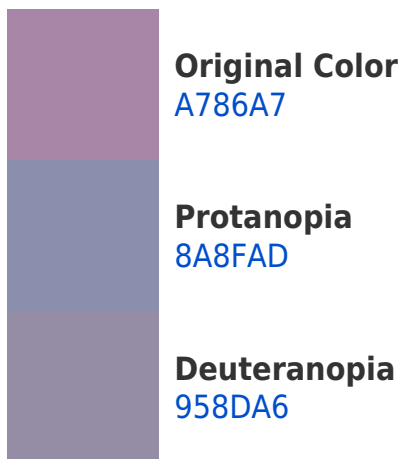


This preview shows how white text looks on a background with the Hex color A786A7.

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
A48994

Trichromacy



Original Color
A786A7

Protanomaly
958CAB

Deuteranomaly
9C8AA6

Tritanomaly
A5889B

Monochromacy



Original Color
A786A7

Achromatopsia
949494

Achromatomaly
9B8F9B

CSS Examples

Text

The CSS property to change the color of the text to Hex A786A7 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 #A786A7 looks like.

```
.text, #text, p{  
    color:#A786A7  
}
```

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 #A786A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A786A7
}
```

Border

The CSS property to change the border of an element to Hex A786A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

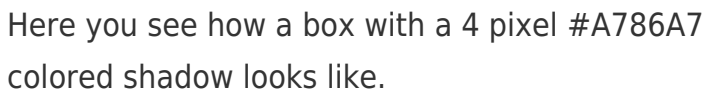
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A786A7 }
```

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

```
.border{ border-color:#A786A7 }
```

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



Here you see how a box with a 4 pixel `#A786A7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A786A7; -webkit-box-shadow:4px 4px  
4px 4px #A786A7; box-shadow:4px 4px 4px  
4px #A786A7 }
```

Background

The CSS property to change the background color of an element to Hex A786A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A786A7 }
```

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

```
.background{ background-color:#A786A7 }
```

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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