

# Converting Colors

Hex(A780A8)

Have a look what the booklet for  
Hex(A780A8) contains.

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**Color**

**Hex(A780A8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A780A8
RGB	167, 128, 168
RGB Percent	65%, 50%, 66%
CMY	0.3451, 0.4980, 0.3412
CMYK	0.01, 0.24, 0.00, 0.34
HSL	298°, 19%, 58%
HSV	298°, 24%, 66%
XYZ	30.7234, 26.4810, 40.5378
YIQ	144.2210, 10.4040, 20.7080

# Conversions

## Conversions Part 2

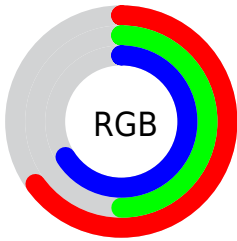
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 128, 168
Decimal	10977448
CIELab	58.49, 22.07, -15.45
CIELCh	58, 26.935, 325.008
Yxy	26.4810, 0.3143, 0.2709
Android (android.graphics.Color)	4289167528 (0xFFA780A8)
YUV	144.2210, 11.7230, 19.9772
Hunter-Lab	51.4597, 16.5169, -10.6845

# Details

The Hex color **A780A8** is a light color, and the websafe version is hex **996699**. A complement of this color would be **81A880**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **DFB5DF**, and **724E74** is the 20% darker color. If you saturate the color by 10%, you get **A76FA8**, and if you desaturate by 10%, it is **A791A8**.

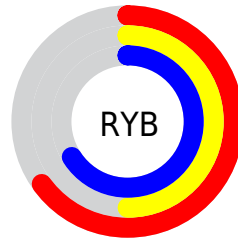
# Distribution



Red (65%)

Green (50%)

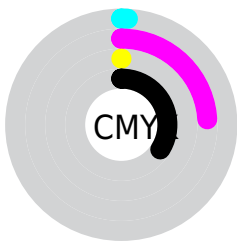
Blue (66%)



Red (65%)

Yellow (50%)

Blue (66%)

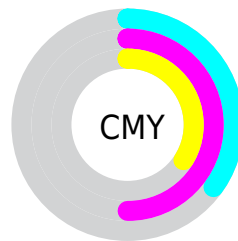


Cyan (1%)

Magenta (24%)

Yellow (0%)

Black (34%)



Cyan (35%)

Magenta (50%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A780A8 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 A780A8 by changing the saturation by 10% instead.



 A780A8

 A780A8

FFFFFF

 8C678E

 DFB5DF

 724E74

 FBD1FC

 5A375B

 FFEDFF

 422144

 2B0B2D

 160019

 000000

 A780A8

 A780A8

 A76FA8

 A791A8

 A65EA8

 A8A2A8

 A64EA8

 A8B2A8

 A53DA8

 A9C3A8

 A52CA8

 A9D4A8

 A41BA8

 AAE5A8

 A40AA8

 AAF6A8

 A400A8

 AAFFA8

 ABFFA8

# Harmonies

## Analogous

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



8A88B7



A780A8



B87B92

# Triad

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



A780A8



A18A5E



4099A0

# Complementary

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



A780A8



81A880

# 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.



529988



A780A8



899161

# Square

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



A780A8



B38267



6D9771



4896B3

# Rectangle

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



A780A8



BC7B82



6D9771



449A98



# Sweetspot

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



A780A8



DBCCDB



8081A8



6D656E



EDEDED



6E6E6E



# Same Dimension

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



A780A8



DA9CDB



A88095



544C54



900094



140014



# Inverse Universe

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



A88081



DB9C9D



80A893



544C4C



940004

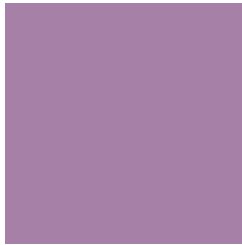


140001



# Previews

## White Background



This preview shows how the Hex color A780A8 looks on a white background.

## Color Contrast Check

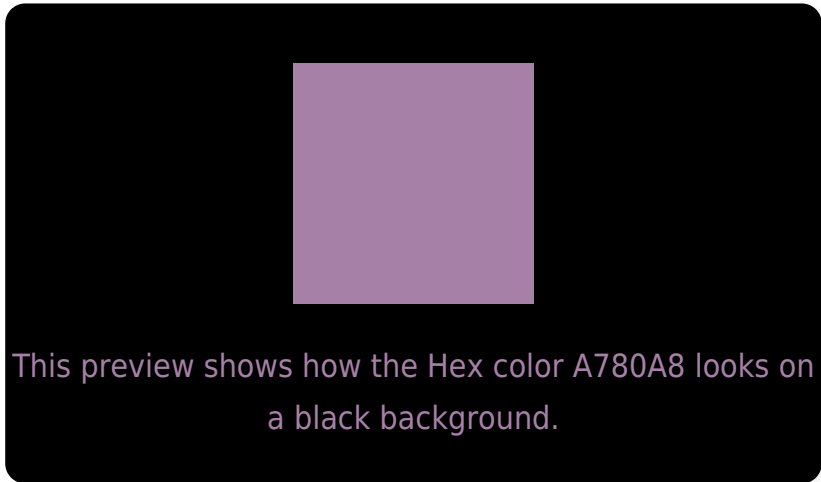
Large Text (above 18pt) WCAG AA ✓ Pass

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

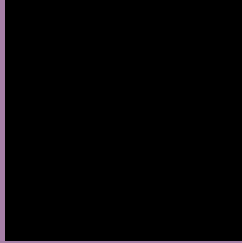
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A780A8 Background



This preview shows how black text looks on a background with the Hex color A780A8.

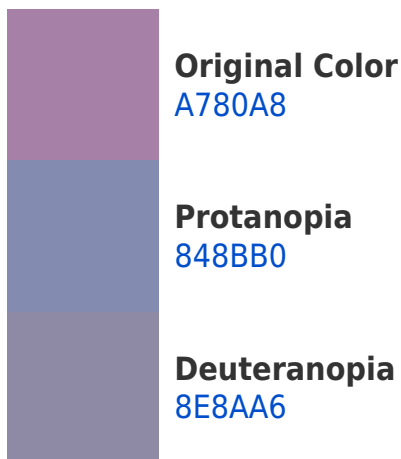



This preview shows how white text looks on a background with the Hex color A780A8.

# 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**  
A3858F

# Trichromacy



**Original Color**  
A780A8

**Protanomaly**  
9187AD

**Deuteranomaly**  
9786A7

**Tritanomaly**  
A48398

# Monochromacy



**Original Color**  
A780A8

**Achromatopsia**  
909090

**Achromatomaly**  
988A99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A780A8 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 #A780A8 looks like.

```
.text, #text, p{  
    color:#A780A8  
}
```

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 #A780A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A780A8
}
```

## Border

The CSS property to change the border of an element to Hex A780A8 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
#A780A8 }
```

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

```
.border{ border-color:#A780A8 }
```

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

Here you see how a box with a 4 pixel #A780A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A780A8; -webkit-box-shadow:4px 4px  
4px 4px #A780A8; box-shadow:4px 4px 4px  
4px #A780A8 }
```

# Background

The CSS property to change the background color of an element to Hex A780A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A780A8 }
```

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

```
.background{ background-color:#A780A8 }
```

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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