

Converting Colors

Hex(A78CA8)

Have a look what the booklet for
Hex(A78CA8) contains.

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Color

Hex(A78CA8)

Conversions

Conversions Part 1

Format	Color
Hex	A78CA8
RGB	167, 140, 168
RGB Percent	65%, 55%, 66%
CMY	0.3451, 0.4510, 0.3412
CMYK	0.01, 0.17, 0.00, 0.34
HSL	298°, 14%, 60%
HSV	298°, 17%, 66%
XYZ	32.3823, 29.7988, 41.0908
YIQ	151.2650, 7.1040, 14.4320

Conversions

Conversions Part 2

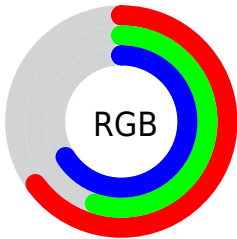
Format	Color
R_{YB}	167, 140, 168
Decimal	10980520
CIE _{Lab}	61.48, 15.25, -10.94
CIE _{LCh}	61, 18.769, 324.334
Yxy	29.7988, 0.3136, 0.2885
Android (android.graphics.Color)	4289170600 (0xFFA78CA8)
YUV	151.2650, 8.2504, 13.7996
Hunter-Lab	54.5883, 10.3585, -6.4182




Details

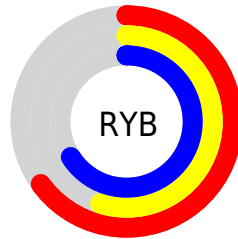
The Hex color **A78CA8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **8DA88C**, and the grayscale version is **979797**.




A 20% lighter version of the original color is **DEC2DF**, and **735A74** is the 20% darker color. If you saturate the color by 10%, you get **A67BA8**, and if you desaturate by 10%, it is **A89DA8**.

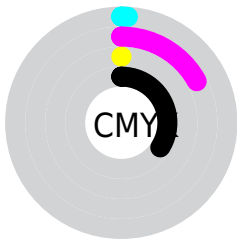
Distribution







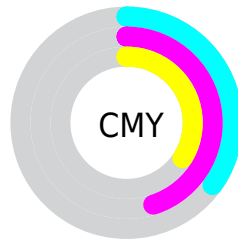
-  Red (65%)
-  Green (55%)
-  Blue (66%)






-  Red (65%)
-  Yellow (55%)
-  Blue (66%)



-  Cyan (1%)
-  Magenta (17%)
-  Yellow (0%)
-  Black (34%)



-  Cyan (35%)
-  Magenta (45%)
-  Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color A78CA8 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 A78CA8 by changing the saturation by 10% instead.



A78CA8



A78CA8

FFFFFF



8C728E



DEC2DF



735A74



FBDEFB



5A425B



FFFAFF



422C44



2C172E



190019



000000



A78CA8



A78CA8



A67BA8



A89DA8

 A66AA8

 A8AEA8

 A55AA8

 A9BEA8

 A549A8

 A9CFA8

 A438A8

 AAE0A8

 A327A8

 ABF1A8

 A316A8

 ABFFA8

 A206A8

 ACFFA8

 A200A8

Harmonies

Analogous

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



9391B3



A78CA8



B48998

Triad

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



A78CA8



A49274



679EA1

Complementary

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



A78CA8



8DA88C

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.



6F9E91



A78CA8



939876

Square

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



A78CA8



B18D7A



809C81



6C9BAF

Rectangle

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



A78CA8



B7898D



809C81



689E9C

Sweetspot

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



A78CA8



DBD0DB



8C8DA8



6D676E



EDEDED



6E6E6E

Same Dimension

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



A78CA8



DAAFDB



A88C9B



544C54



8F0094



140014

Inverse Universe

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



A88C8D



DBAFB1



8CA899



544C4C



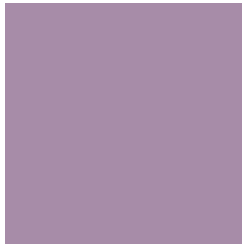
940005



140001

Previews

White Background



This preview shows how the Hex color A78CA8 looks on a white background.

Color Contrast Check

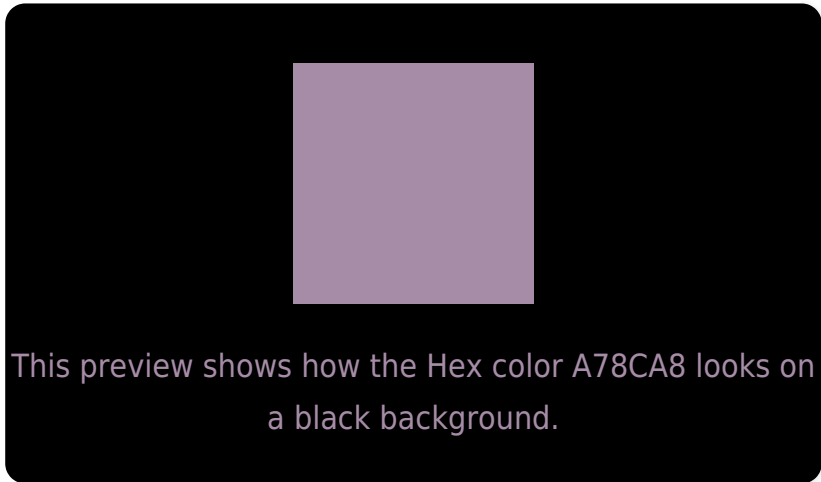
Large Text (above 18pt) WCAG AA ✓ Pass

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

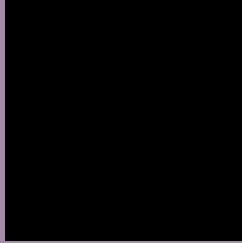
Any Text WCAG AA ✓ Pass

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 A78CA8 Background



This preview shows how black text looks on a background with the Hex color A78CA8.

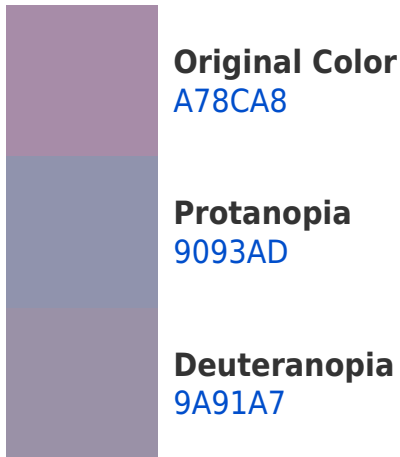


This preview shows how white text looks on a background with the Hex color A78CA8.

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
A58E9A

Trichromacy



Original Color
A78CA8

Protanomaly
9890AB

Deuteranomaly
9F8FA7

Tritanomaly
A68D9F

Monochromacy



Original Color
A78CA8

Achromatopsia
979797

Achromatomaly
9D939D

CSS Examples

Text

The CSS property to change the color of the text to Hex A78CA8 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 #A78CA8 looks like.

```
.text, #text, p{  
    color:#A78CA8  
}
```

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 #A78CA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A78CA8  
}
```

Border

The CSS property to change the border of an element to Hex A78CA8 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  
#A78CA8 }
```

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

```
.border{ border-color:#A78CA8 }
```

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

Here you see how a box with a 4 pixel #A78CA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A78CA8; -webkit-box-shadow:4px 4px  
4px 4px #A78CA8; box-shadow:4px 4px 4px  
4px #A78CA8 }
```

Background

The CSS property to change the background color of an element to Hex A78CA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A78CA8 }
```

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

```
.background{ background-color:#A78CA8 }
```

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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