

# Converting Colors

Hex(A78BA7)

Have a look what the booklet for  
Hex(A78BA7) contains.

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# **Color**

**Hex(A78BA7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A78BA7
RGB	167, 139, 167
RGB Percent	65%, 55%, 65%
CMY	0.3451, 0.4549, 0.3451
CMYK	0.00, 0.17, 0.00, 0.35
HSL	300°, 14%, 60%
HSV	300°, 17%, 65%
XYZ	32.1440, 29.4707, 40.5535
YIQ	150.5640, 7.7000, 14.6440

# Conversions

## Conversions Part 2

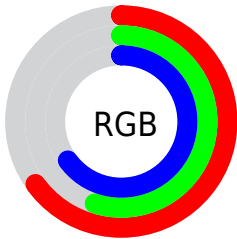
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 139, 167
Decimal	10980263
CIE <sub>Lab</sub>	61.19, 15.62, -10.80
CIE <sub>LCh</sub>	61, 18.992, 325.333
Yxy	29.4707, 0.3146, 0.2885
Android (android.graphics.Color)	4289170343 (0xFFA78BA7)
YUV	150.5640, 8.1029, 14.4144
Hunter-Lab	54.2870, 10.6900, -6.2900

# Details

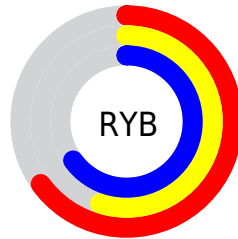
The Hex color **A78BA7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **8BA78B**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **DEC1DE**, and **735973** is the 20% darker color. If you saturate the color by 10%, you get **A77AA7**, and if you desaturate by 10%, it is **A79CA7**.

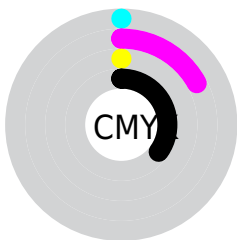
# Distribution



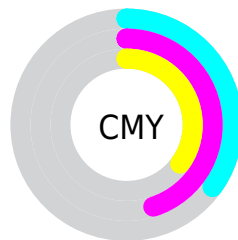
- Red (65%)
- Green (55%)
- Blue (65%)



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



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (35%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color A78BA7 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 A78BA7 by changing the saturation by 10% instead.





A78BA7



A78BA7

FFFFFF



8C718D



DEC1DE



735973



FBDDFB



5A415A



FFF9FF



422B43



2C162D



190019



000000



A78BA7



A78BA7



A77AA7



A79CA7

 A76AA7

 A7ACA7

 A759A7

 A7BDA7

 A748A7

 A7CEA7

 A737A7

 A7DEA7

 A727A7

 A7EFA7

 A716A7

 A7FFA7

 A705A7

 A700A7

# Harmonies

## Analogous

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



9390B2



A78BA7



B38897

# Triad

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



A78BA7



A39272



659DA1

# Complementary

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



A78BA7



8BA78B

# 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.



6D9D90



A78BA7



919775

# Square

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



A78BA7



B08C79



7E9B80



6B9BAF

# Rectangle

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



A78BA7



B6888C



7E9B80



669D9C



# Sweetspot

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



A78BA7



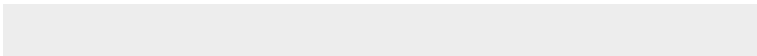
D9CED9



8B8BA7



6E676E



EDEDED



6E6E6E



# Same Dimension

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



A78BA7



D9ADD9



A78B99



544C54



940094



140014



# Inverse Universe

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



A78BA7



D9ADD9



8BA799



544C54



940094

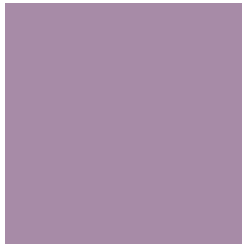


140014



# Previews

## White Background



This preview shows how the Hex color A78BA7 looks on a white background.

## Color Contrast Check

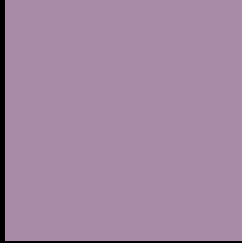
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color A78BA7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

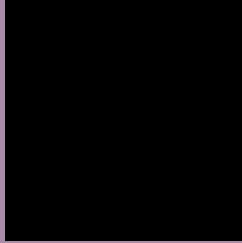
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A78BA7 Background



This preview shows how black text looks on a background with the Hex color A78BA7.



This preview shows how white text looks on a background with the Hex color A78BA7.

# 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**  
A78BA7

**Protanopia**  
8F93AC

**Deuteranopia**  
9A90A6



**Tritanopia**  
A58E99

# Trichromacy



**Original Color**  
A78BA7

**Protanomaly**  
9890AA

**Deuteranomaly**  
9F8EA6

**Tritanomaly**  
A68D9E

# Monochromacy



**Original Color**  
A78BA7

**Achromatopsia**  
979797

**Achromatomaly**  
9D939D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A78BA7 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 #A78BA7 looks like.

```
.text, #text, p{  
    color:#A78BA7  
}
```

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 #A78BA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A78BA7  
}
```

## Border

The CSS property to change the border of an element to Hex A78BA7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

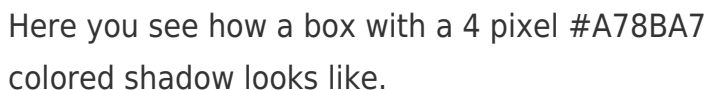
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A78BA7 }
```

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

```
.border{ border-color:#A78BA7 }
```

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



Here you see how a box with a 4 pixel #A78BA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A78BA7; -webkit-box-shadow:4px 4px  
4px 4px #A78BA7; box-shadow:4px 4px 4px  
4px #A78BA7 }
```

# Background

The CSS property to change the background color of an element to Hex A78BA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A78BA7 }
```

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

```
.background{ background-color:#A78BA7 }
```

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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