

# Converting Colors

Hex(A78E8E)

Have a look what the booklet for  
Hex(A78E8E) contains.

<b>Hex(A78E8E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(A78E8E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A78E8E
RGB	167, 142, 142
RGB Percent	65%, 56%, 56%
CMY	0.3451, 0.4431, 0.4431
CMYK	0.00, 0.15, 0.15, 0.35
HSL	0°, 12%, 61%
HSV	0°, 15%, 65%
XYZ	30.4918, 29.5145, 29.6810
YIQ	149.4750, 14.9000, 5.3000

# Conversions

## Conversions Part 2

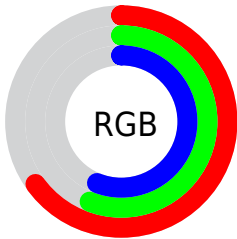
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">167, 142, 142</a>
Decimal	<a href="#">10981006</a>
CIELab	<a href="#">61.23, 9.38, 3.48</a>
CIELCh	<a href="#">61, 10.007, 20.359</a>
Yxy	<a href="#">29.5145, 0.3400, 0.3291</a>
Android (android.graphics.Color)	<a href="#">4289171086</a> ( <a href="#">0xFFA78E8E</a> )
YUV	<a href="#">149.4750, -3.6852, 15.3694</a>
Hunter-Lab	<a href="#">54.3272, 5.1127, 5.6368</a>

# Details

The Hex color **A78E8E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8EA7A7**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **DEC4C4**, and **735C5C** is the 20% darker color. If you saturate the color by 10%, you get **A77D7D**, and if you desaturate by 10%, it is **A79F9F**.

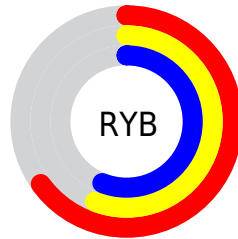
# Distribution



Red (65%)

Green (56%)

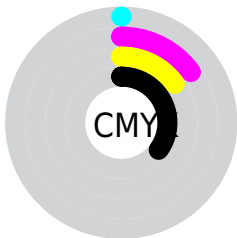
Blue (56%)



Red (65%)

Yellow (56%)

Blue (56%)

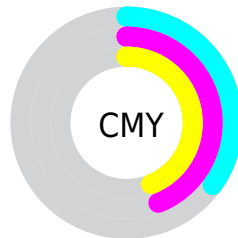


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (35%)



Cyan (35%)

Magenta (44%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A78E8E 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 A78E8E by changing the saturation by 10% instead.



 A78E8E

 A78E8E

FFFFFF

 8C7474

 DEC4C4

 735C5C

 FBE0E0

 5A4444

 FFFCFC

 422E2E

 2C191A

 190000

 000000

 A78E8E

 A78E8E

 A77D7D

 A79F9F

 A76D6D

 A7AFAF

 A75C5C

 A7C0C0

 A74B4B

 A7D1D1

 A73B3B

 A7E1E1

 A72A2A

 A7F2F2

 A71919

 A7FFFF

 A70808

 A70000

# Harmonies

## Analogous

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



A48E97



A78E8E



A59087

# Triad

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



A78E8E



8A9888



8795A5

# Complementary

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



A78E8E



8EA7A7

# 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.



8098A1



A78E8E



829991

# Square

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



A78E8E



959583



7E999A



9292A4

# Rectangle

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



A78E8E



A19183



7E999A



8496A4



# Sweetspot

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



A78E8E



D9D0D0



A78EA7



6E6868



EDEDED



6E6E6E



# Same Dimension

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



A78E8E



D9B2B2



A79B8E



544C4C



940000



140000



# Inverse Universe

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



8EA7A7



B2D9D9



8E9BA7



4C5454



009494

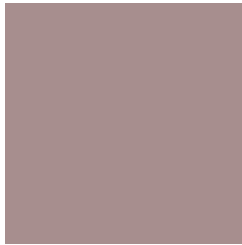


001414



# Previews

## White Background



This preview shows how the Hex color A78E8E looks on a white background.

## Color Contrast Check

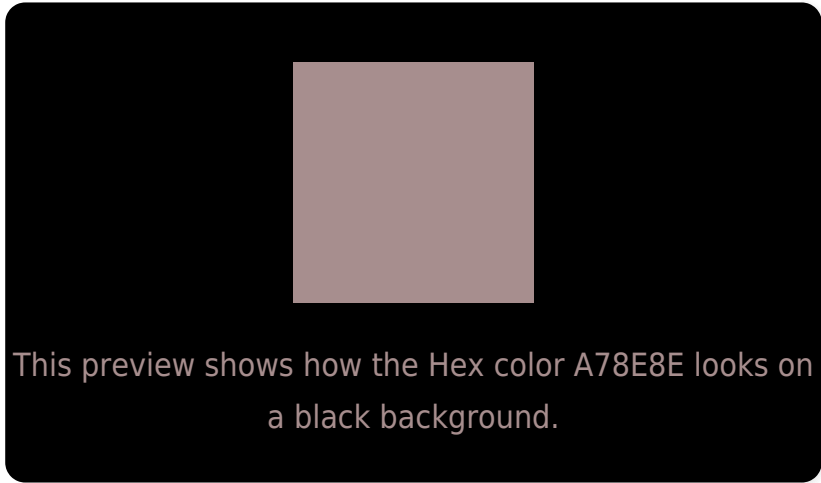
Large Text (above 18pt) WCAG AA ✓ Pass

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

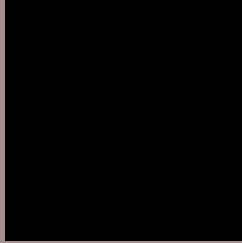
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A78E8E Background



This preview shows how black text looks on a background with the Hex color A78E8E.

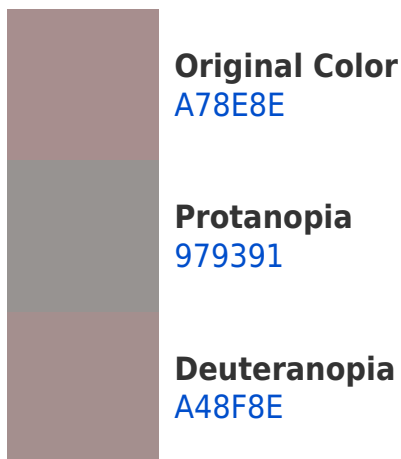


This preview shows how white text looks on a background with the Hex color A78E8E.

# 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**  
A88D97

# Trichromacy



**Original Color**  
A78E8E

**Protanomaly**  
9D9190

**Deuteranomaly**  
A58F8E

**Tritanomaly**  
A88D94

# Monochromacy



**Original Color**  
A78E8E

**Achromatopsia**  
959595

**Achromatomaly**  
9C9292

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A78E8E 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 #A78E8E looks like.

```
.text, #text, p{  
    color:#A78E8E  
}
```

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 #A78E8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A78E8E
}
```

## Border

The CSS property to change the border of an element to Hex A78E8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

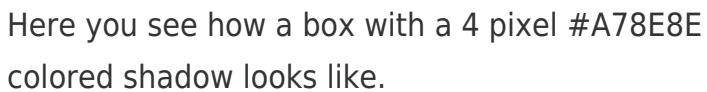
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A78E8E }
```

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

```
.border{ border-color:#A78E8E }
```

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



Here you see how a box with a 4 pixel #A78E8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A78E8E; -webkit-box-shadow:4px 4px  
4px 4px #A78E8E; box-shadow:4px 4px 4px  
4px #A78E8E }
```

# Background

The CSS property to change the background color of an element to Hex A78E8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A78E8E }
```

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

```
.background{ background-color:#A78E8E }
```

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