

# Converting Colors

Hex(9E7E9E)

Have a look what the booklet for  
Hex(9E7E9E) contains.

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# Color

**Hex(9E7E9E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E7E9E
RGB	158, 126, 158
RGB Percent	62%, 49%, 62%
CMY	0.3804, 0.5059, 0.3804
CMYK	0.00, 0.20, 0.00, 0.38
HSL	300°, 14%, 56%
HSV	300°, 20%, 62%
XYZ	27.7330, 24.6594, 35.6458
YIQ	139.2160, 8.8000, 16.7360

# Conversions

## Conversions Part 2

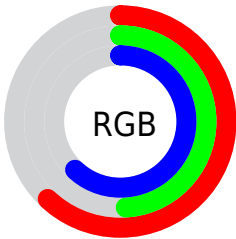
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 126, 158
Decimal	10387102
CIE <sub>Lab</sub>	56.74, 18.09, -12.42
CIE <sub>LCh</sub>	57, 21.944, 325.517
Yxy	24.6594, 0.3150, 0.2801
Android (android.graphics.Color)	4288577182 (0xFF9E7E9E)
YUV	139.2160, 9.2605, 16.4736
Hunter-Lab	49.6583, 12.7860, -7.7989

# Details

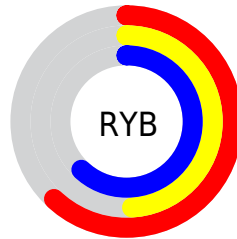
The Hex color **9E7E9E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7E9E7E**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **D5B3D5**, and **6A4D6B** is the 20% darker color. If you saturate the color by 10%, you get **9E6E9E**, and if you desaturate by 10%, it is **9E8E9E**.

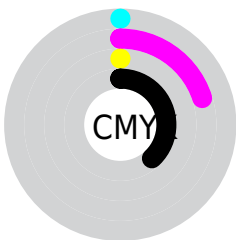
# Distribution



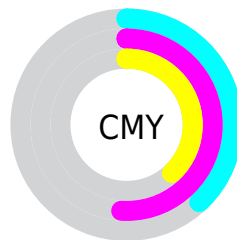
- Red (62%)
- Green (49%)
- Blue (62%)



- Red (62%)
- Yellow (49%)
- Blue (62%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (38%)



- Cyan (38%)
- Magenta (51%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E7E9E 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 9E7E9E by changing the saturation by 10% instead.





9E7E9E



9E7E9E

FFFFFF



846584



D5B3D5



6A4D6B



F1CEF1



523652



FFEBFF



3A203B



240B26



030010



000000



9E7E9E



9E7E9E



9E6E9E



9E8E9E

 9E5E9E

 9E9E9E

 9E4F9E

 9EAD9E

 9E3F9E

 9EBD9E

 9E2F9E

 9ECD9E

 9E1F9E

 9EDD9E

 9E0F9E

 9EED9E

 9E009E

 9EFC9E

 9EFF9E

# Harmonies

## Analogous

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



8784AA



9E7E9E



AC7A8C

# Triad

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



9E7E9E



998662



4F9398

# Complementary

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



9E7E9E



7E9E7E

# 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.



5B9384



9E7E9E



858C65

# Square

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



9E7E9E



A88069



6F9072



5690A7

# Rectangle

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



9E7E9E



AF7A7F



6F9072



529392



# Sweetspot

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



9E7E9E



CFC2CF



7E7E9E



696169



E8E8E8



696969



# Same Dimension

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



9E7E9E



CF9DCF



9E7E8E



4F474F



8F008F



0F000F



# Inverse Universe

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



9E7E9E



CF9DCF



7E9E8E



4F474F



8F008F



0F000F



# Previews

## White Background



This preview shows how the Hex color 9E7E9E 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

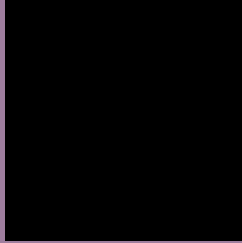
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E7E9E Background



This preview shows how black text looks on a background with the Hex color 9E7E9E.



This preview shows how white text looks on a background with the Hex color 9E7E9E.

# 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**  
9B818B

# Trichromacy



**Original Color**  
9E7E9E

**Protanomaly**  
8C84A2

**Deuteranomaly**  
93829D

**Tritanomaly**  
9C8092

# Monochromacy



**Original Color**  
9E7E9E

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
928692

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E7E9E 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 #9E7E9E looks like.

```
.text, #text, p{  
    color:#9E7E9E  
}
```

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 #9E7E9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E7E9E
}
```

## Border

The CSS property to change the border of an element to Hex 9E7E9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

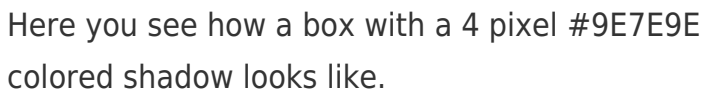
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E7E9E }
```

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

```
.border{ border-color:#9E7E9E }
```

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



Here you see how a box with a 4 pixel #9E7E9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E7E9E; -webkit-box-shadow:4px 4px  
4px 4px #9E7E9E; box-shadow:4px 4px 4px  
4px #9E7E9E }
```

# Background

The CSS property to change the background color of an element to Hex 9E7E9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E7E9E }
```

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

```
.background{ background-color:#9E7E9E }
```

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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