

# Converting Colors

Hex(9E7E80)

Have a look what the booklet for  
Hex(9E7E80) contains.

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**Color**

**Hex(9E7E80)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E7E80
RGB	158, 126, 128
RGB Percent	62%, 49%, 50%
CMY	0.3804, 0.5059, 0.4980
CMYK	0.00, 0.20, 0.19, 0.38
HSL	356°, 14%, 56%
HSV	356°, 20%, 62%
XYZ	25.4577, 23.7493, 23.6644
YIQ	135.7960, 18.4300, 7.4060

# Conversions

## Conversions Part 2

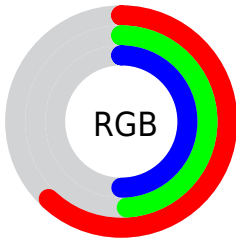
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 126, 128
Decimal	10387072
CIE Lab	55.84, 12.66, 3.61
CIE LCh	56, 13.169, 15.901
Yxy	23.7493, 0.3494, 0.3259
Android (android.graphics.Color)	4288577152 (0xFF9E7E80)
YUV	135.7960, -3.8434, 19.4729
Hunter-Lab	48.7333, 7.9631, 5.3227

# Details

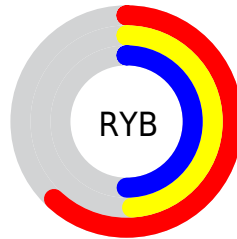
The Hex color **9E7E80** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **7E9E9C**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **D5B3B5**, and **6A4D4F** is the 20% darker color. If you saturate the color by 10%, you get **9E6E71**, and if you desaturate by 10%, it is **9E8E8F**.

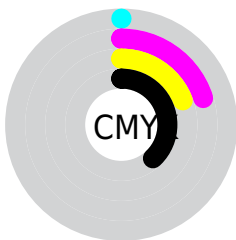
# Distribution



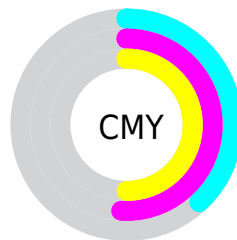
- Red (62%)
- Green (49%)
- Blue (50%)



- Red (62%)
- Yellow (49%)
- Blue (50%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (38%)



- Cyan (38%)
- Magenta (51%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E7E80 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 9E7E80 by changing the saturation by 10% instead.



 9E7E80

 9E7E80

FFFFFF

 846567

 D5B3B5

 6A4D4F

 F2CED0

 513638

 FFEBED

 3A2023

 240B0D

 000000

 9E7E80

 9E7E80

 9E6E71

 9E8E8F

 9E5E62

 9E9E9E

 9E4F54

 9EADAC

 9E3F45

 9EBDBB

 9E2F36

 9ECDCA

 9E1F27

 9EDDD9

 9E0F18

 9EEDE8

 9E000A

 9EFCF7

 9EFFFF

# Harmonies

## Analogous

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



9A7E8C



9E7E80



9C8076

# Triad

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



9E7E80



7B8A76



73889C

# Complementary

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



9E7E80



7E9E9C

# 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.



698B96



9E7E80



6F8C80

# Square

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



9E7E80



888770



688C8C



81859C

# Rectangle

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



9E7E80



978271



688C8C



6F899A



# Sweetspot

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



9E7E80



CFC2C3



9C7E9E



696162



E8E8E8



696969



# Same Dimension

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



9E7E80



CF9DA0



9E8C7E



4F4748



8F0009



0F0001



# Inverse Universe

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



9E7E80



CF9DA0



7E909E



4F4748



8F0009



0F0001



# Previews

## White Background



This preview shows how the Hex color 9E7E80 looks on a white background.

## Color Contrast Check

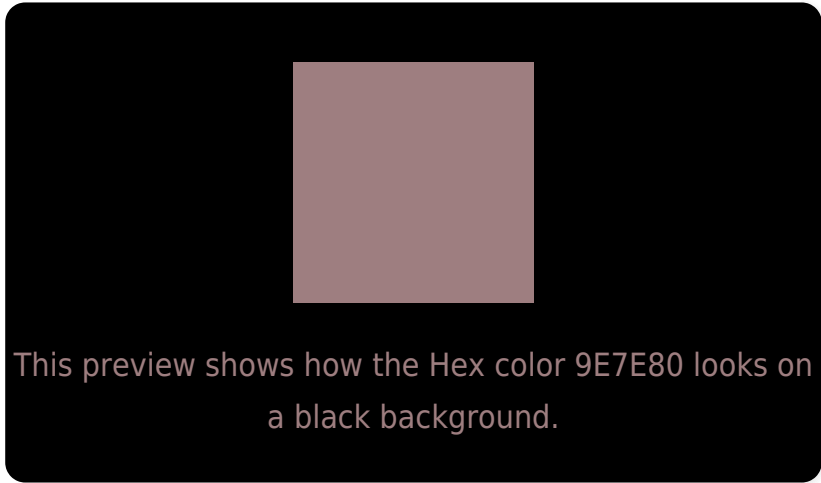
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E7E80 Background



This preview shows how black text looks on a background with the Hex color 9E7E80.

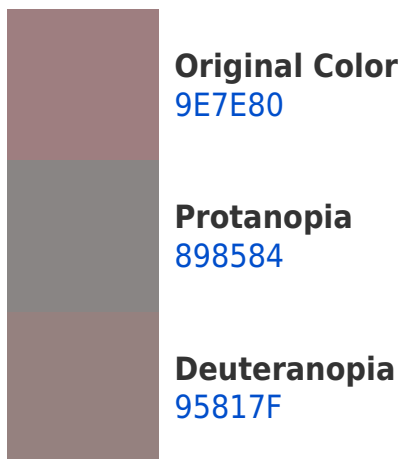


This preview shows how white text looks on a background with the Hex color 9E7E80.

# 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**  
9F7D87

# Trichromacy



**Original Color**  
9E7E80

**Protanomaly**  
918283

**Deuteranomaly**  
98807F

**Tritanomaly**  
9F7D84

# Monochromacy



**Original Color**  
9E7E80

**Achromatopsia**  
888888

**Achromatomaly**  
908485

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E7E80 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 #9E7E80 looks like.

```
.text, #text, p{  
    color:#9E7E80  
}
```

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 #9E7E80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E7E80
}
```

## Border

The CSS property to change the border of an element to Hex 9E7E80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

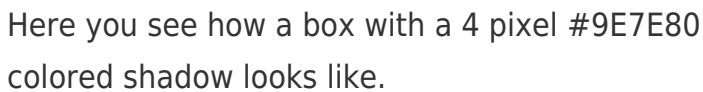
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E7E80 }
```

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

```
.border{ border-color:#9E7E80 }
```

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



Here you see how a box with a 4 pixel #9E7E80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E7E80; -webkit-box-shadow:4px 4px  
4px 4px #9E7E80; box-shadow:4px 4px 4px  
4px #9E7E80 }
```

# Background

The CSS property to change the background color of an element to Hex 9E7E80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E7E80 }
```

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

```
.background{ background-color:#9E7E80 }
```

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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