

# Converting Colors

Hex(9E7172)

Have a look what the booklet for  
Hex(9E7172) contains.

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**Color**

**Hex(9E7172)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E7172
RGB	158, 113, 114
RGB Percent	62%, 44%, 45%
CMY	0.3804, 0.5569, 0.5529
CMYK	0.00, 0.28, 0.28, 0.38
HSL	359°, 19%, 53%
HSV	359°, 28%, 62%
XYZ	23.0429, 20.2943, 18.6223
YIQ	126.5690, 26.4990, 9.8510

# Conversions

## Conversions Part 2

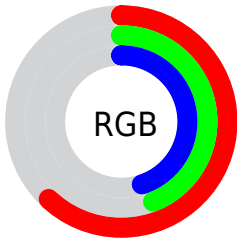
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 113, 114
Decimal	10383730
CIE <sub>Lab</sub>	52.17, 17.94, 6.52
CIE <sub>LCh</sub>	52, 19.089, 19.956
Yxy	20.2943, 0.3719, 0.3275
Android (android.graphics.Color)	4288573810 (0xFF9E7172)
YUV	126.5690, -6.1965, 27.5650
Hunter-Lab	45.0492, 12.4679, 7.0253

# Details

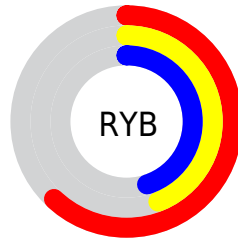
The Hex color **9E7172** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **719E9D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **D6A5A6**, and **694142** is the 20% darker color. If you saturate the color by 10%, you get **9E6163**, and if you desaturate by 10%, it is **9E8181**.

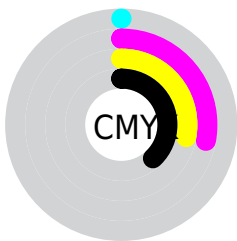
# Distribution



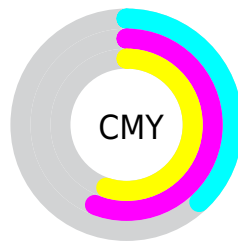
- Red (62%)
- Green (44%)
- Blue (45%)



- Red (62%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (28%)
- Yellow (28%)
- Black (38%)



- Cyan (38%)
- Magenta (56%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E7172 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 9E7172 by changing the saturation by 10% instead.





9E7172



9E7172

FFFFFF



83585A



D6A5A6



694142



F2C0C1



502A2C



FFDCDD



381518



FFF9F9



240000



000000



9E7172



9E7172



9E6163



9E8181



9E5153



9E9191

 9E4244

 9EA0A0

 9E3234

 9EB0B0

 9E2225

 9EC0BF

 9E1215

 9ED0CF

 9E0206

 9EE0DE

 9E0004

 9EEFEE

 9EFFFF

# Harmonies

## Analogous

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



9A7183



9E7172



9A7464

# Triad

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



9E7172



6A8367



61809C

# Complementary

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



9E7172



719E9D

# 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.



518495



9E7172



598576

# Square

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



9E7172



7D7F5E



4E8687



787A9B

# Rectangle

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



9E7172



92785E



4E8687



5B819B



# Sweetspot

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



9E7172



CFBCBC



9D719E



695D5D



E8E8E8



696969



# Same Dimension

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



9E7172



CF888A



9E8671



4F4747



8F0003



0F0000



# Inverse Universe

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



9E7172



CF888A



71899E



4F4747



8F0003

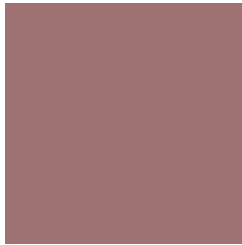


0F0000



# Previews

## White Background



This preview shows how the Hex color 9E7172 looks on a white background.

## Color Contrast Check

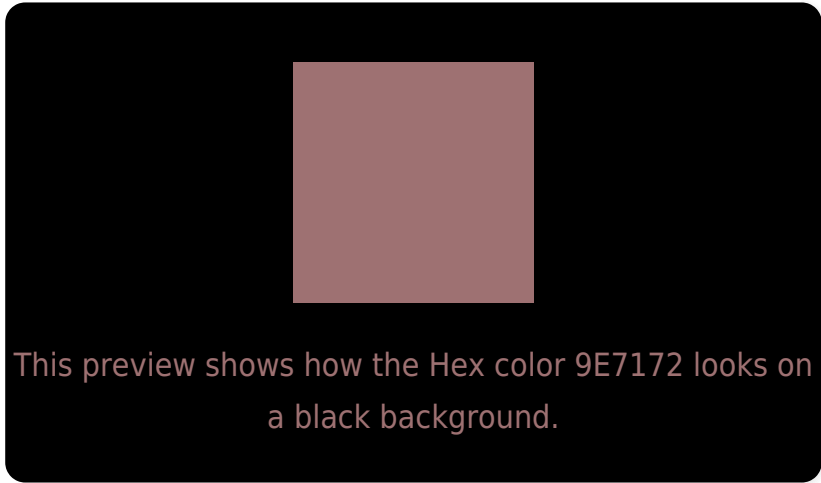
Large Text (above 18pt) WCAG AA ✓ Pass

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

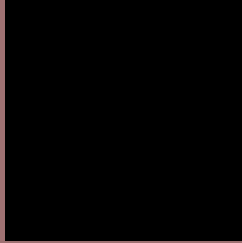
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E7172 Background



This preview shows how black text looks on a background with the Hex color 9E7172.



This preview shows how white text looks on a background with the Hex color 9E7172.

# 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**  
9F7079

# Trichromacy



**Original Color**  
9E7172

**Protanomaly**  
8B7876

**Deuteranomaly**  
937571

**Tritanomaly**  
9F7076

# Monochromacy



**Original Color**  
9E7172

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
8A7A7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E7172 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 #9E7172 looks like.

```
.text, #text, p{  
    color:#9E7172  
}
```

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 #9E7172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E7172
}
```

## Border

The CSS property to change the border of an element to Hex 9E7172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

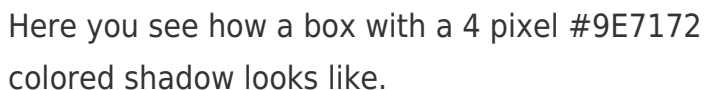
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E7172 }
```

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

```
.border{ border-color:#9E7172 }
```

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



Here you see how a box with a 4 pixel #9E7172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E7172; -webkit-box-shadow:4px 4px  
4px 4px #9E7172; box-shadow:4px 4px 4px  
4px #9E7172 }
```

# Background

The CSS property to change the background color of an element to Hex 9E7172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E7172 }
```

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

```
.background{ background-color:#9E7172 }
```

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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