

# Converting Colors

Hex(9A717A)

Have a look what the booklet for  
Hex(9A717A) contains.

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**Color**

**Hex(9A717A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A717A
RGB	154, 113, 122
RGB Percent	60%, 44%, 48%
CMY	0.3961, 0.5569, 0.5216
CMYK	0.00, 0.27, 0.21, 0.40
HSL	347°, 17%, 52%
HSV	347°, 27%, 60%
XYZ	22.7444, 20.0854, 21.0905
YIQ	126.2850, 21.5470, 11.4910

# Conversions

## Conversions Part 2

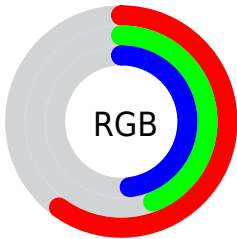
Format	Color
<a href="#">RYB</a>	<a href="#">154, 113, 122</a>
Decimal	<a href="#">10121594</a>
CIELab	<a href="#">51.93, 17.60, 1.41</a>
CIElCh	<a href="#">52, 17.658, 4.573</a>
Yxy	<a href="#">20.0854, 0.3558, 0.3142</a>
Android (android.graphics.Color)	<a href="#">4288311674</a> (0xFF9A717A)
YUV	<a href="#">126.2850, -2.1125, 24.3061</a>
Hunter-Lab	<a href="#">44.8168, 12.1590, 3.4703</a>

# Details

The Hex color **9A717A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **719A91**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **D1A5AE**, and **664149** is the 20% darker color. If you saturate the color by 10%, you get **9A626E**, and if you desaturate by 10%, it is **9A8086**.

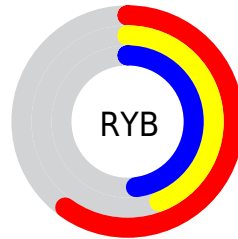
# Distribution



Red (60%)

Green (44%)

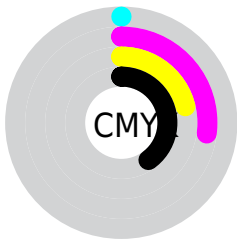
Blue (48%)



Red (60%)

Yellow (44%)

Blue (48%)

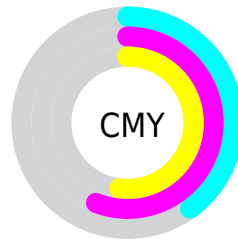


Cyan (0%)

Magenta (27%)

Yellow (21%)

Black (40%)



Cyan (40%)

Magenta (56%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A717A 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 9A717A by changing the saturation by 10% instead.



 9A717A

 9A717A

FFFFFF

 805861

 D1A5AE

 664149

 EEC0CA

 4D2A33

 FFDCE6

 36151E

 FFF9FF

 230004

 000000

 9A717A

 9A717A

 9A626E

 9A8086

 9A5262

 9A9092

 9A4356

 9A9F9E

 9A334A

 9AAFAA

 9A243E

 9ABEB6

 9A1532

 9ACDC2

 9A0526

 9ADDCE

 9A0022

 9AECDA

 9AFCE6

# Harmonies

## Analogous

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



917389



9A717A



9A726B

# Triad

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



9A717A



748063



5A8197

# Complementary

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



9A717A



719A91

# 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.



51848C



9A717A



63836E

# Square

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



9A717A



857C5E



55847E



6D7C9A

# Rectangle

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



9A717A



967564



55847E



568294



# Sweetspot

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



9A717A



C9B9BD



90719A



665C5E



E6E6E6



666666



# Same Dimension

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



9A717A



C98997



9A7C71



4D4547



8C001F



0D0003



# Inverse Universe

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



9A717A



C98997



718F9A



4D4547



8C001F

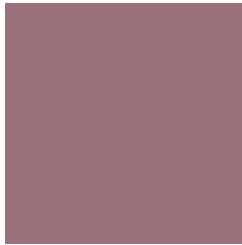


0D0003



# Previews

## White Background



This preview shows how the Hex color 9A717A looks on a white background.

## Color Contrast Check

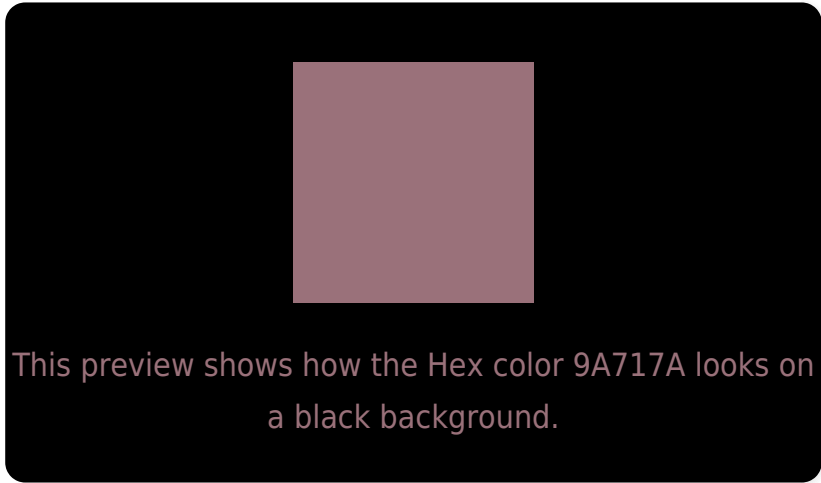
Large Text (above 18pt) WCAG AA ✓ Pass

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

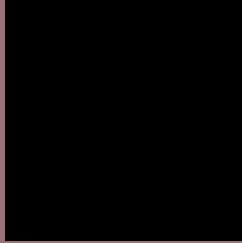
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9A717A Background



This preview shows how black text looks on a background with the Hex color 9A717A.



This preview shows how white text looks on a background with the Hex color 9A717A.

# 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**  
9A717A

**Protanopia**  
7D7B80

**Deuteranopia**  
897879



**Tritanopia**  
9A717A

# Trichromacy



**Original Color**  
9A717A

**Protanomaly**  
88777E

**Deuteranomaly**  
8F7579

**Tritanomaly**  
9A717A

# Monochromacy



**Original Color**  
9A717A

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
88797D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A717A 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 #9A717A looks like.

```
.text, #text, p{  
    color:#9A717A  
}
```

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 #9A717A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A717A
}
```

## Border

The CSS property to change the border of an element to Hex 9A717A is called "border". The border property can be set on classes, ids or directly on the HTML element.

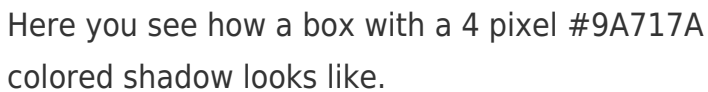
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A717A }
```

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

```
.border{ border-color:#9A717A }
```

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



Here you see how a box with a 4 pixel #9A717A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A717A; -webkit-box-shadow:4px 4px  
4px 4px #9A717A; box-shadow:4px 4px 4px  
4px #9A717A }
```

# Background

The CSS property to change the background color of an element to Hex 9A717A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A717A }
```

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

```
.background{ background-color:#9A717A }
```

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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