

# Converting Colors

Hex(9B9B7A)

Have a look what the booklet for  
Hex(9B9B7A) contains.

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# **Color**

**Hex(9B9B7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B9B7A
RGB	155, 155, 122
RGB Percent	61%, 61%, 48%
CMY	0.3922, 0.3922, 0.5216
CMYK	0.00, 0.00, 0.21, 0.39
HSL	60°, 14%, 54%
HSV	60°, 21%, 61%
XYZ	28.7518, 31.8164, 23.0382
YIQ	151.2380, 10.5930, -10.2630

# Conversions

## Conversions Part 2

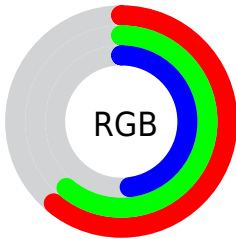
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">122, 155, 122</a>
Decimal	<a href="#">10197882</a>
CIELab	<a href="#">63.19, -5.70, 17.36</a>
CIElCh	<a href="#">63, 18.270, 108.166</a>
Yxy	<a href="#">31.8164, 0.3439, 0.3806</a>
Android (android.graphics.Color)	<a href="#">4288387962 (0xFF9B9B7A)</a>
YUV	<a href="#">151.2380, -14.4143, 3.2993</a>
Hunter-Lab	<a href="#">56.4060, -7.7240, 15.2681</a>

# Details

The Hex color **9B9B7A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7A7A9B**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **D2D1AF**, and **676849** is the 20% darker color. If you saturate the color by 10%, you get **9B9B6B**, and if you desaturate by 10%, it is **9B9B8A**.

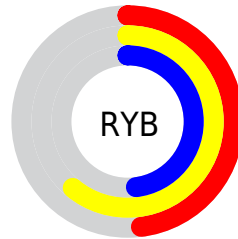
# Distribution



Red (61%)

Green (61%)

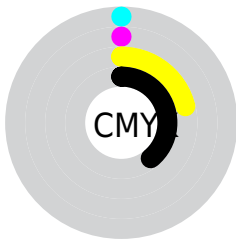
Blue (48%)



Red (48%)

Yellow (61%)

Blue (48%)

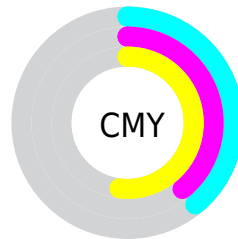


Cyan (0%)

Magenta (0%)

Yellow (21%)

Black (39%)



Cyan (39%)

Magenta (39%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B9B7A 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 9B9B7A by changing the saturation by 10% instead.





9B9B7A



9B9B7A

FFFFFF



818161



D2D1AF



676849



EEEECA



4F5032



FFFFE6



38391D



222405



030F00



000000



9B9B7A



9B9B7A



9B9B6B



9B9B8A

 9B9B5B

 9B9B99

 9B9B4C

 9B9BA9

 9B9B3C

 9B9BB8

 9B9B2D

 9B9BC8

 9B9B1D

 9B9BD7

 9B9B0E

 9B9BE7

 9B9B00

 9B9BF6

 9B9BFF

# Harmonies

## Analogous

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



AC9679



9B9B7A



889F83

# Triad

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



9B9B7A



6FA0B1



B68EA0

# Complementary

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



9B9B7A



7A7A9B

# 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.



A892AF



9B9B7A



7E9CB8

# Square

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



9B9B7A



6DA2A2



9397B8



BB8E90

# Rectangle

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



9B9B7A



7DA18C



9397B8



B28FA5



# Sweetspot

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



9B9B7A



C9C9BD



9B7A7A



66665F



E6E6E6



666666



# Same Dimension

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



9B9B7A



C9C995



8B9B7A



4D4D45



8C8C00



0D0D00



# Inverse Universe

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



7A7A9B



9595C9



8B7A9B



45454D



00008C



00000D



# Previews

## White Background



This preview shows how the Hex color 9B9B7A looks on a white background.

## Color Contrast Check

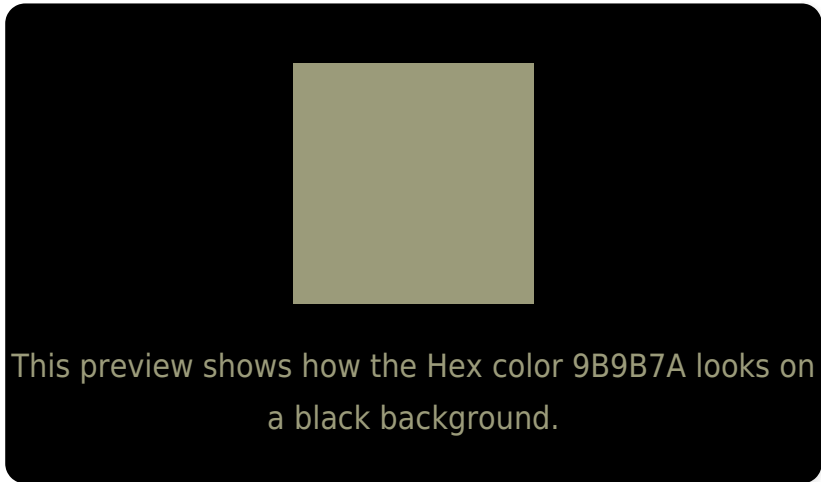
Large Text (above 18pt) WCAG AA × Fail

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

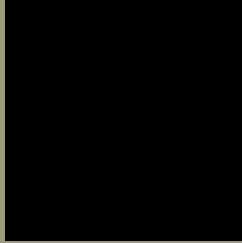
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9B9B7A Background



This preview shows how black text looks on a background with the Hex color 9B9B7A.



This preview shows how white text looks on a background with the Hex color 9B9B7A.

# 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**  
9B9B7A

**Protanopia**  
A39979

**Deuteranopia**  
B2937C



**Tritanopia**  
A096A1

# Trichromacy



**Original Color**  
9B9B7A

**Protanomaly**  
A09A79

**Deuteranomaly**  
AA967B

**Tritanomaly**  
9E9893

# Monochromacy



**Original Color**  
9B9B7A

**Achromatopsia**  
979797

**Achromatomaly**  
98988C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B9B7A 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 #9B9B7A looks like.

```
.text, #text, p{  
    color:#9B9B7A  
}
```

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 #9B9B7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B9B7A  
}
```

## Border

The CSS property to change the border of an element to Hex 9B9B7A 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  
#9B9B7A }
```

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

```
.border{ border-color:#9B9B7A }
```

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

Here you see how a box with a 4 pixel #9B9B7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B9B7A; -webkit-box-shadow:4px 4px  
4px 4px #9B9B7A; box-shadow:4px 4px 4px  
4px #9B9B7A }
```

# Background

The CSS property to change the background color of an element to Hex 9B9B7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B9B7A }
```

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

```
.background{ background-color:#9B9B7A }
```

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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