

# Converting Colors

Hex(9E7ABB)

Have a look what the booklet for  
Hex(9E7ABB) contains.

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# **Color**

**Hex(9E7ABB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E7ABB
RGB	158, 122, 187
RGB Percent	62%, 48%, 73%
CMY	0.3804, 0.5216, 0.2667
CMYK	0.16, 0.35, 0.00, 0.27
HSL	273°, 32%, 61%
HSV	273°, 35%, 73%
XYZ	30.0297, 24.7760, 50.2132
YIQ	140.1740, 0.5910, 27.8470

# Conversions

## Conversions Part 2

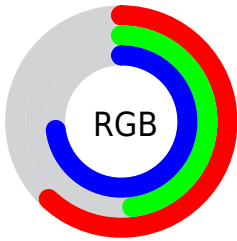
Format	Color
<a href="#">RYB</a>	<a href="#">158, 122, 187</a>
Decimal	<a href="#">10386107</a>
CIELab	<a href="#">56.86, 26.51, -28.90</a>
CIELCh	<a href="#">57, 39.219, 312.524</a>
Yxy	<a href="#">24.7760, 0.2859, 0.2359</a>
Android (android.graphics.Color)	<a href="#">4288576187 (0xFF9E7ABB)</a>
YUV	<a href="#">140.1740, 23.0852, 15.6334</a>
Hunter-Lab	<a href="#">49.7755, 20.5824, -24.9685</a>

# Details

The Hex color **9E7ABB** is a light color, and the websafe version is hex **996699**. A complement of this color would be **97BB7A**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **D5AFF3**, and **694986** is the 20% darker color. If you saturate the color by 10%, you get **9667BB**, and if you desaturate by 10%, it is **A68DBB**.

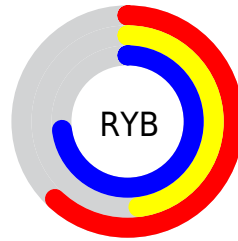
# Distribution



Red (62%)

Green (48%)

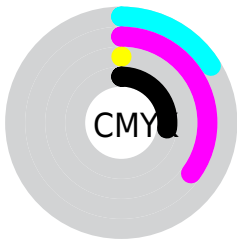
Blue (73%)



Red (62%)

Yellow (48%)

Blue (73%)

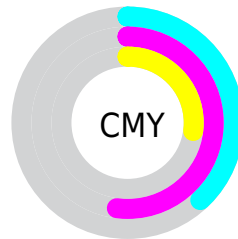


Cyan (16%)

Magenta (35%)

Yellow (0%)

Black (27%)



Cyan (38%)

Magenta (52%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E7ABB 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 9E7ABB by changing the saturation by 10% instead.



9E7ABB

9E7ABB

FFFFFF

8361A0

D5AFF3

694986

F2CAFF

50316C

FFE7FF

381B53

21053C

040026

00010F

000000

9E7ABB

9E7ABB

9667BB

A68DBB

8D55BB

AF9FBB

8542BB

B7B2BB

7D2FBB

BFC5BB

741DBB

C8D8BB

6C0ABB

D0EABB

6800BB

D8FDDB

E1FFBB

E9FFBB

# Harmonies

## Analogous

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



6B87CB



9E7ABB



BE6F9E

# Triad

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



9E7ABB



AE7F47



009A96

# Complementary

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



9E7ABB



97BB7A

# 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.



399973



9E7ABB



8F8B44

# Square

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



9E7ABB



C3745C



6A9454



0098B6

# Rectangle

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



9E7ABB



C86C87



6A9454



009A8A



# Sweetspot

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



9E7ABB



E7DAF2



7A97BB



746C7A



FAFAFA



7A7A7A



# Same Dimension

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



9E7ABB



C58DF2



BB7AB8



5A555E



58009E



11001F



# Inverse Universe

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



BB7A97



F28DBA



7ABB7D



5E5559



9E0047

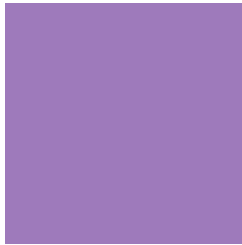


1F000E



# Previews

## White Background



This preview shows how the Hex color 9E7ABB 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

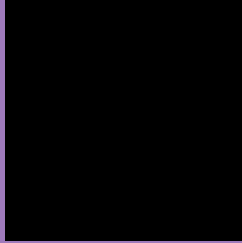
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E7ABB Background



This preview shows how black text looks on a background with the Hex color 9E7ABB.

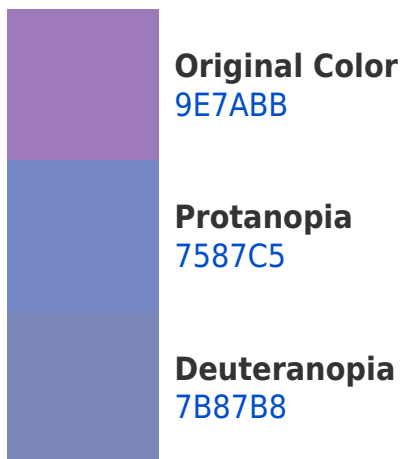



This preview shows how white text looks on a background with the Hex color 9E7ABB.

# 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](#).

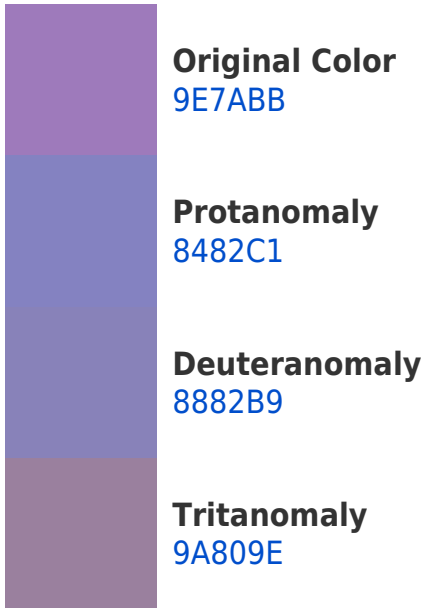
## Dichromacy



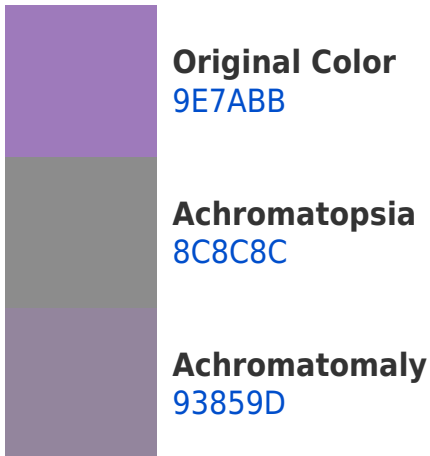


**Tritanopia**  
97838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E7ABB 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 #9E7ABB looks like.

```
.text, #text, p{  
    color:#9E7ABB  
}
```

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 #9E7ABB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E7ABB
}
```

## Border

The CSS property to change the border of an element to Hex 9E7ABB 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
#9E7ABB }
```

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

```
.border{ border-color:#9E7ABB }
```

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

Here you see how a box with a 4 pixel #9E7ABB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E7ABB; -webkit-box-shadow:4px 4px  
4px 4px #9E7ABB; box-shadow:4px 4px 4px  
4px #9E7ABB }
```

# Background

The CSS property to change the background color of an element to Hex 9E7ABB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E7ABB }
```

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

```
.background{ background-color:#9E7ABB }
```

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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