

# Converting Colors

Hex(9E7DBA)

Have a look what the booklet for  
Hex(9E7DBA) contains.

<b>Hex(9E7DBA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9E7DBA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E7DBA
RGB	158, 125, 186
RGB Percent	62%, 49%, 73%
CMY	0.3804, 0.5098, 0.2706
CMYK	0.15, 0.33, 0.00, 0.27
HSL	272°, 31%, 61%
HSV	272°, 33%, 73%
XYZ	30.2971, 25.4815, 49.7760
YIQ	141.8210, 0.0870, 25.9670

# Conversions

## Conversions Part 2

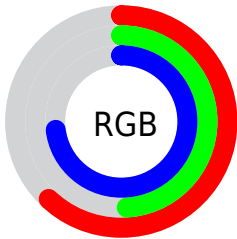
Format	Color
<a href="#">RYB</a>	<a href="#">158, 125, 186</a>
Decimal	<a href="#">10386874</a>
CIELab	<a href="#">57.54, 24.56, -27.27</a>
CIELCh	<a href="#">58, 36.704, 312.007</a>
Yxy	<a href="#">25.4815, 0.2870, 0.2414</a>
Android (android.graphics.Color)	<a href="#">4288576954 (0xFF9E7DBA)</a>
YUV	<a href="#">141.8210, 21.7802, 14.1890</a>
Hunter-Lab	<a href="#">50.4792, 18.7952, -23.1286</a>

# Details

The Hex color **9E7DBA** is a light color, and the websafe version is hex **996699**. A complement of this color would be **99BA7D**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **D5B2F2**, and **6A4C85** is the 20% darker color. If you saturate the color by 10%, you get **956ABA**, and if you desaturate by 10%, it is **A790BA**.

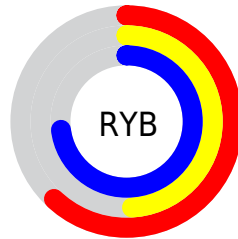
# Distribution



Red (62%)

Green (49%)

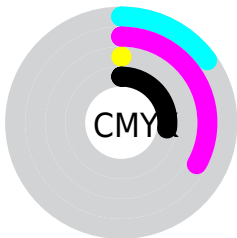
Blue (73%)



Red (62%)

Yellow (49%)

Blue (73%)

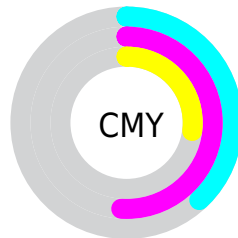


Cyan (15%)

Magenta (33%)

Yellow (0%)

Black (27%)



Cyan (38%)

Magenta (51%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E7DBA 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 9E7DBA by changing the saturation by 10% instead.



■ 9E7DBA

■ 9E7DBA

FFFFFF

■ 83649F

■ D5B2F2

■ 6A4C85

■ F2CEFF

■ 51346B

■ FFEAFF

■ 391E53

■ 21093B

■ 070025

■ 00010E

■ 000000

■ 9E7DBA

■ 9E7DBA

956ABA

A790BA

8D58BA

AFA2BA

8445BA

B8B5BA

7C33BA

C0C7BA

7320BA

C9DABA

6B0DBA

D1EDBA

6500BA

DAFFBA

E2FFBA

EBFFBA

# Harmonies

## Analogous

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



6F89C9



9E7DBA



BC739F

# Triad

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



9E7DBA



AF824D



009B96

# Complementary

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



9E7DBA



99BA7D

# 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.



439A75



9E7DBA



928C4A

# Square

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



9E7DBA



C27761



6F9559



0099B4

# Rectangle

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



9E7DBA



C67089



6F9559



179B8B



# Sweetspot

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



9E7DBA



E7DAF2



7D99BA



746C7A



FAFAFA



7A7A7A



# Same Dimension

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



9E7DBA



C794F2



BA7DB8



58535C



54009C



0F001C



# Inverse Universe

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



BA7D99



F294BF



7DBA7F



5C5357



9C0047



1C000D



# Previews

## White Background



This preview shows how the Hex color 9E7DBA looks on a white background.

## Color Contrast Check

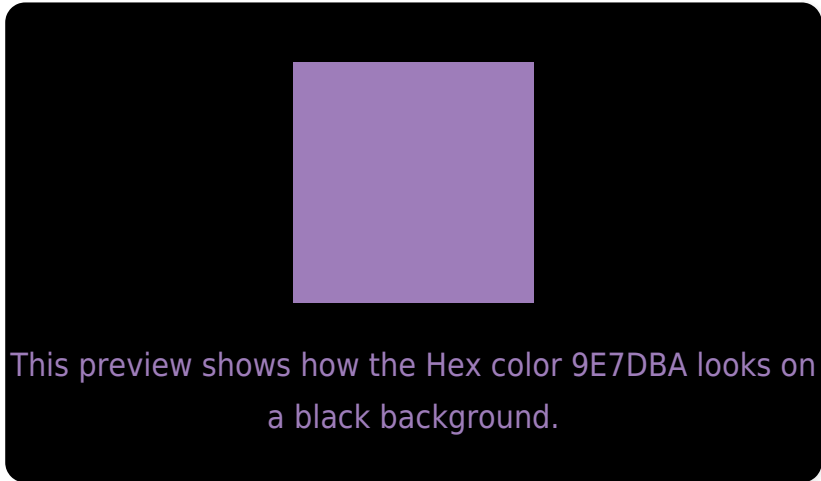
Large Text (above 18pt) WCAG AA ✓ Pass

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

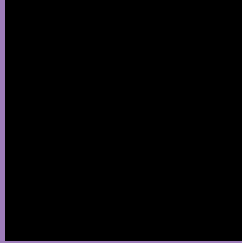
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E7DBA Background



This preview shows how black text looks on a background with the Hex color 9E7DBA.

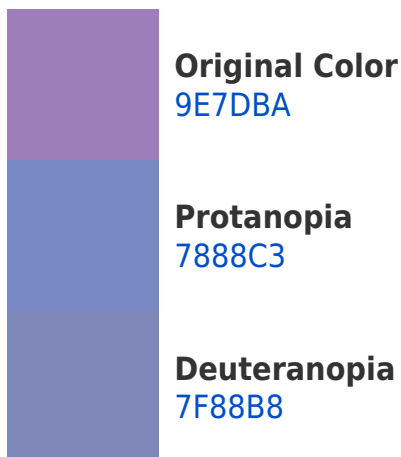


This preview shows how white text looks on a background with the Hex color 9E7DBA.

# 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](#).

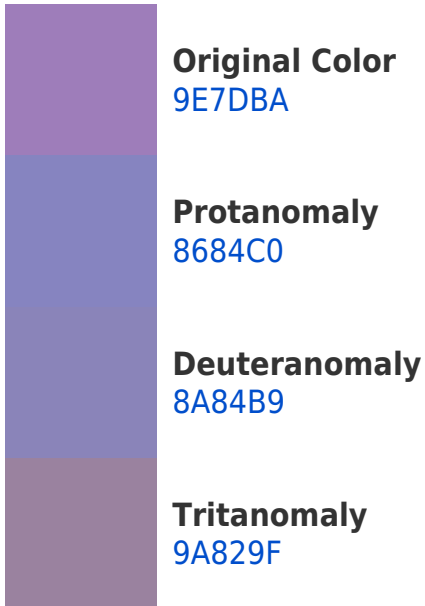
## Dichromacy





**Tritanopia**  
978590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E7DBA 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 #9E7DBA looks like.

```
.text, #text, p{  
    color:#9E7DBA  
}
```

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 #9E7DBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E7DBA
}
```

## Border

The CSS property to change the border of an element to Hex 9E7DBA is called "border". The border property can be set on classes, ids or directly on the HTML element.

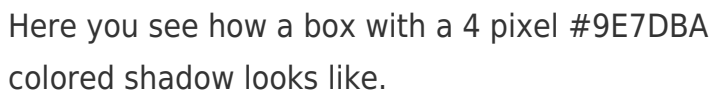
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E7DBA }
```

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

```
.border{ border-color:#9E7DBA }
```

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



Here you see how a box with a 4 pixel #9E7DBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E7DBA; -webkit-box-shadow:4px 4px  
4px 4px #9E7DBA; box-shadow:4px 4px 4px  
4px #9E7DBA }
```

# Background

The CSS property to change the background color of an element to Hex 9E7DBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E7DBA }
```

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

```
.background{ background-color:#9E7DBA }
```

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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