

# Converting Colors

Hex(9E7BB2)

Have a look what the booklet for  
Hex(9E7BB2) contains.

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# Color

Hex(9E7BB2)

# Conversions

## Conversions Part 1

Format	Color
Hex	9E7BB2
RGB	158, 123, 178
RGB Percent	62%, 48%, 70%
CMY	0.3804, 0.5176, 0.3020
CMYK	0.11, 0.31, 0.00, 0.30
HSL	278°, 26%, 59%
HSV	278°, 31%, 70%
XYZ	29.2194, 24.6494, 45.3373
YIQ	139.7350, 3.2050, 24.5250

# Conversions

## Conversions Part 2

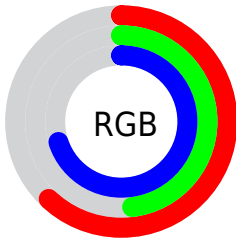
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 123, 178
Decimal	10386354
CIELab	56.73, 23.95, -23.95
CIELCh	57, 33.870, 315.008
Yxy	24.6494, 0.2945, 0.2485
Android (android.graphics.Color)	4288576434 (0xFF9E7BB2)
YUV	139.7350, 18.8646, 16.0184
Hunter-Lab	49.6481, 18.1683, -19.3882

# Details

The Hex color **9E7BB2** is a light color, and the websafe version is hex **996699**. A complement of this color would be **8FB27B**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **D5B0EA**, and **6A4A7D** is the 20% darker color. If you saturate the color by 10%, you get **9869B2**, and if you desaturate by 10%, it is **A48DB2**.

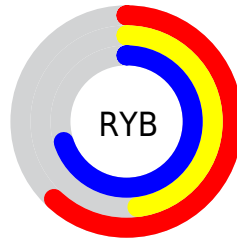
# Distribution



Red (62%)

Green (48%)

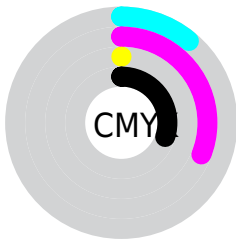
Blue (70%)



Red (62%)

Yellow (48%)

Blue (70%)

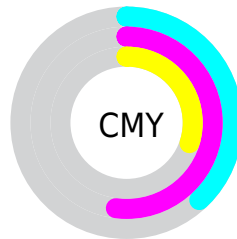


Cyan (11%)

Magenta (31%)

Yellow (0%)

Black (30%)



Cyan (38%)

Magenta (52%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E7BB2 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 9E7BB2 by changing the saturation by 10% instead.





9E7BB2



9E7BB2

FFFFFF



836297



D5B0EA



6A4A7D



F2CBFF



513364



FFE8FF



391D4C



220735



04001F



000003



000000



9E7BB2



9E7BB2

9869B2

A48DB2

9157B2

AB9FB2

8B46B2

B1B0B2

8434B2

B8C2B2

7E22B2

BED4B2

7710B2

C5E6B2

7100B2

CBF8B2

D2FFB2

D8FFB2

# Harmonies

## Analogous

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



7586C1



9E7BB2



B87398

# Triad

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



9E7BB2



A8814F



099896

# Complementary

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



9E7BB2



8FB27B

# 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.



459778



9E7BB2



8D8B4E

# Square

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



9E7BB2



BB7760



6B925D



0095B1

# Rectangle

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



9E7BB2



C07184



6B925D



23988C



# Sweetspot

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



9E7BB2



E0D3E8



7B8FB2



716875



F5F5F5



757575



# Same Dimension

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



9E7BB2



C992E8



B27BAB



565059



610099



10001A



# Inverse Universe

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



B27B8F



E892B1



7BB282



595054



990038

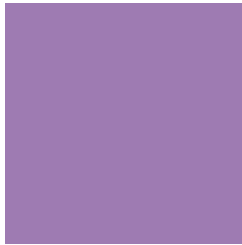


1A0009



# Previews

## White Background



This preview shows how the Hex color 9E7BB2 looks on a white background.

## Color Contrast Check

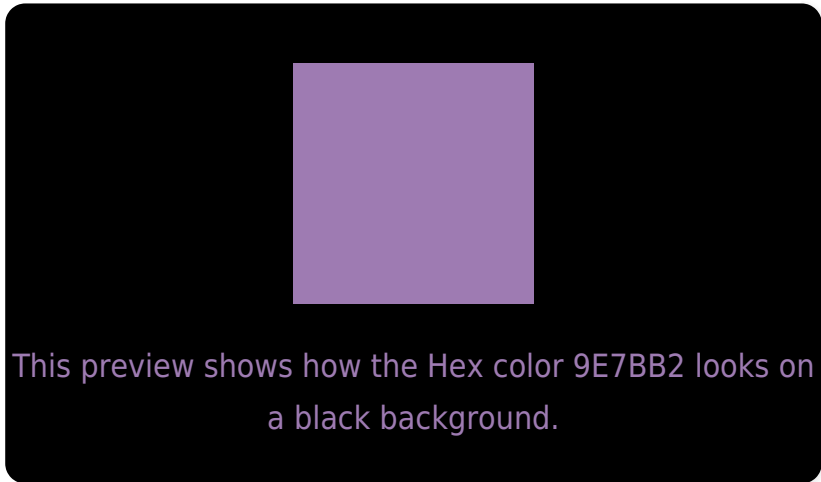
Large Text (above 18pt) WCAG AA ✓ Pass

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

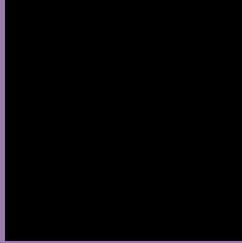
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E7BB2 Background



This preview shows how black text looks on a background with the Hex color 9E7BB2.




This preview shows how white text looks on a background with the Hex color 9E7BB2.

# 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**  
98828C

# Trichromacy



**Original Color**  
9E7BB2

**Protanomaly**  
8682B8

**Deuteranomaly**  
8B82B1

**Tritanomaly**  
9A7F9A

# Monochromacy



**Original Color**  
9E7BB2

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
93869A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E7BB2 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 #9E7BB2 looks like.

```
.text, #text, p{  
    color:#9E7BB2  
}
```

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 #9E7BB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E7BB2
}
```

## Border

The CSS property to change the border of an element to Hex 9E7BB2 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
#9E7BB2 }
```

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

```
.border{ border-color:#9E7BB2 }
```

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

Here you see how a box with a 4 pixel #9E7BB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E7BB2; -webkit-box-shadow:4px 4px  
4px 4px #9E7BB2; box-shadow:4px 4px 4px  
4px #9E7BB2 }
```

# Background

The CSS property to change the background color of an element to Hex 9E7BB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E7BB2 }
```

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

```
.background{ background-color:#9E7BB2 }
```

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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