

# Converting Colors

Hex(9E87B6)

Have a look what the booklet for  
Hex(9E87B6) contains.

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# **Color**

**Hex(9E87B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E87B6
RGB	158, 135, 182
RGB Percent	62%, 53%, 71%
CMY	0.3804, 0.4706, 0.2863
CMYK	0.13, 0.26, 0.00, 0.29
HSL	269°, 24%, 62%
HSV	269°, 26%, 71%
XYZ	31.2080, 27.9744, 48.0107
YIQ	147.2350, -1.3790, 19.4930

# Conversions

## Conversions Part 2

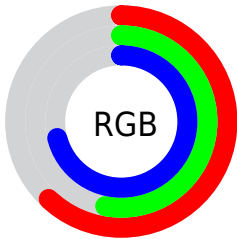
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">158, 135, 182</a>
Decimal	<a href="#">10389430</a>
CIELab	<a href="#">59.87, 17.93, -21.42</a>
CIELCh	<a href="#">60, 27.940, 309.935</a>
Yxy	<a href="#">27.9744, 0.2911, 0.2610</a>
Android (android.graphics.Color)	<a href="#">4288579510</a> ( <a href="#">0xFF9E87B6</a> )
YUV	<a href="#">147.2350, 17.1391, 9.4409</a>
Hunter-Lab	<a href="#">52.8909, 12.7641, -16.7958</a>

# Details

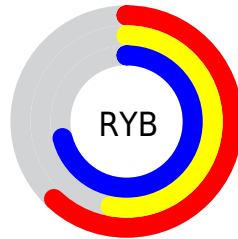
The Hex color **9E87B6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **9FB687**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **D5BCEE**, and **6A5581** is the 20% darker color. If you saturate the color by 10%, you get **9575B6**, and if you desaturate by 10%, it is **A799B6**.

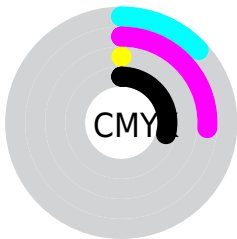
# Distribution



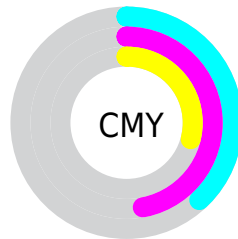
- Red (62%)
- Green (53%)
- Blue (71%)



- Red (62%)
- Yellow (53%)
- Blue (71%)



- Cyan (13%)
- Magenta (26%)
- Yellow (0%)
- Black (29%)



- Cyan (38%)
- Magenta (47%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E87B6 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 9E87B6 by changing the saturation by 10% instead.





9E87B6



9E87B6

FFFFFF



846E9B



D5BCEE



6A5581



F2D8FF



513E68



FFF5FF



3A284F



231338



120023



00000A



000000



9E87B6



9E87B6

 9575B6

 A799B6

 8B63B6

 B1ABB6

 8250B6

 BABEB6

 793EB6

 C3D0B6

 702CB6

 CCE2B6

 661AB6

 D6F4B6

 5D08B6

 DFFFFB6

 5900B6

 E8FFB6

 F2FFB6

# Harmonies

## Analogous

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



7C90C0



9E87B6



B680A2

# Triad

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



9E87B6



B08963



479E98

# Complementary

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



9E87B6



9FB687

# 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.



619C7F



9E87B6



99915F

# Square

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



9E87B6



BE8172



7E986A



3F9CAF

# Rectangle

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



9E87B6



BF7E91



7E986A



4F9E8F



# Sweetspot

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



9E87B6



E3DAED



879FB6



726C78



F7F7F7



787878



# Same Dimension

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



9E87B6



C8A4ED



B587B6



57535C



4C009C



0E001C



# Inverse Universe

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



B6879F



EDA4C9



88B687



5C5357



9C004F

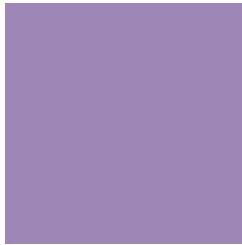


1C000E



# Previews

## White Background



This preview shows how the Hex color 9E87B6 looks on a white background.

## Color Contrast Check

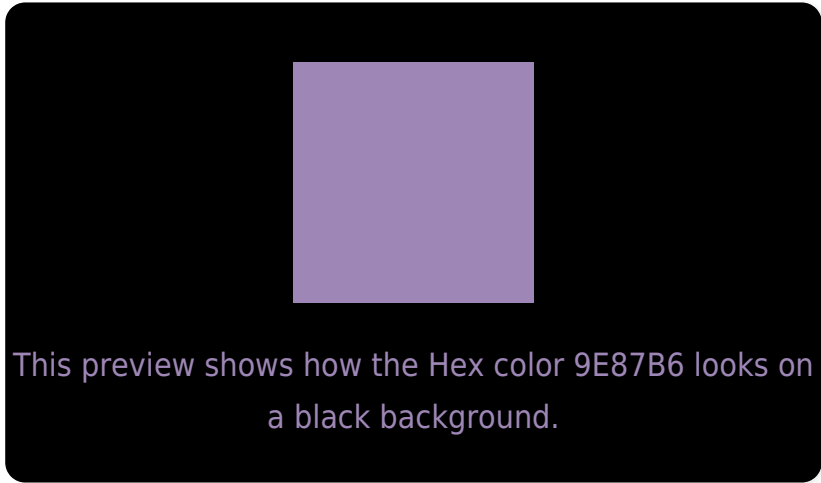
Large Text (above 18pt) WCAG AA ✓ Pass

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

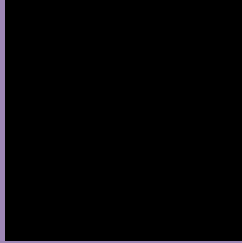
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E87B6 Background



This preview shows how black text looks on a background with the Hex color 9E87B6.

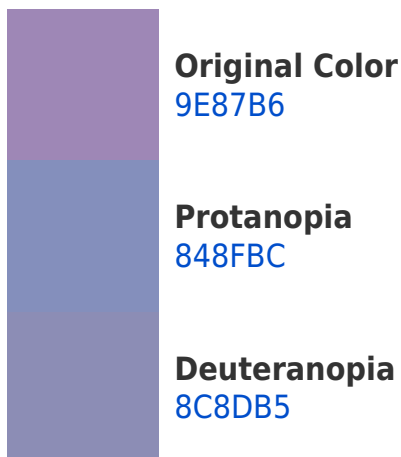


This preview shows how white text looks on a background with the Hex color 9E87B6.

# 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**  
998D98

# Trichromacy



**Original Color**  
9E87B6

**Protanomaly**  
8D8CBA

**Deuteranomaly**  
938BB5

**Tritanomaly**  
9B8BA3

# Monochromacy



**Original Color**  
9E87B6

**Achromatopsia**  
939393

**Achromatomaly**  
978FA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E87B6 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 #9E87B6 looks like.

```
.text, #text, p{  
    color:#9E87B6  
}
```

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 #9E87B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E87B6
}
```

## Border

The CSS property to change the border of an element to Hex 9E87B6 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
#9E87B6 }
```

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

```
.border{ border-color:#9E87B6 }
```

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

Here you see how a box with a 4 pixel #9E87B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E87B6; -webkit-box-shadow:4px 4px  
4px 4px #9E87B6; box-shadow:4px 4px 4px  
4px #9E87B6 }
```

# Background

The CSS property to change the background color of an element to Hex 9E87B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E87B6 }
```

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

```
.background{ background-color:#9E87B6 }
```

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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