

# Converting Colors

Hex(9E6B9E)

Have a look what the booklet for  
Hex(9E6B9E) contains.

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# Color

**Hex(9E6B9E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E6B9E
RGB	158, 107, 158
RGB Percent	62%, 42%, 62%
CMY	0.3804, 0.5804, 0.3804
CMYK	0.00, 0.32, 0.00, 0.38
HSL	300°, 21%, 52%
HSV	300°, 32%, 62%
XYZ	25.5298, 20.2531, 34.9114
YIQ	128.0630, 14.0250, 26.6730

# Conversions

## Conversions Part 2

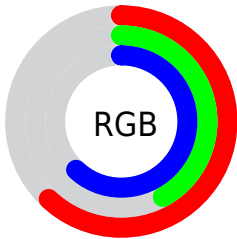
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 107, 158
Decimal	10382238
CIE <sub>Lab</sub>	52.12, 28.98, -19.44
CIE <sub>LCh</sub>	52, 34.891, 326.148
Yxy	20.2531, 0.3164, 0.2510
Android (android.graphics.Color)	4288572318 (0xFF9E6B9E)
YUV	128.0630, 14.7589, 26.2547
Hunter-Lab	45.0035, 22.5044, -14.4918

# Details

The Hex color **9E6B9E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6B9E6B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **D59FD5**, and **6A3A6A** is the 20% darker color. If you saturate the color by 10%, you get **9E5B9E**, and if you desaturate by 10%, it is **9E7B9E**.

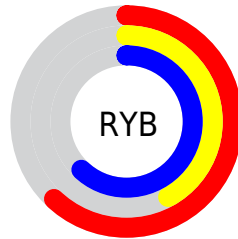
# Distribution



Red (62%)

Green (42%)

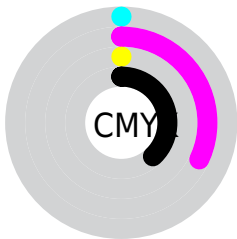
Blue (62%)



Red (62%)

Yellow (42%)

Blue (62%)

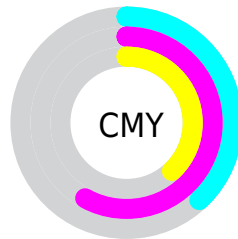


Cyan (0%)

Magenta (32%)

Yellow (0%)

Black (38%)



Cyan (38%)

Magenta (58%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E6B9E 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 9E6B9E by changing the saturation by 10% instead.





9E6B9E



9E6B9E

FFFFFF



835284



D59FD5



6A3A6A



F2BAF1



512352



FFD6FF



390C3B



FFF3FF



240025



00010E



000000



9E6B9E



9E6B9E



9E5B9E



9E7B9E

 9E4B9E

 9E8B9E

 9E3C9E

 9E9A9E

 9E2C9E

 9EAA9E

 9E1C9E

 9EBA9E

 9E0C9E

 9ECA9E

 9E009E

 9EDA9E

 9EE99E

 9EF99E

# Harmonies

## Analogous

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



7976B2



9E6B9E



B26481

# Triad

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



9E6B9E



927940



008B96

# Complementary

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



9E6B9E



6B9E6B

# 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.



1D8C77



9E6B9E



748245

# Square

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



9E6B9E



A96F4C



51895A



0088AD

# Rectangle

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



9E6B9E



B6656D



51895A



008C8C



# Sweetspot

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



9E6B9E



CFBACF



6B6B9E



695C69



E8E8E8



696969



# Same Dimension

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



9E6B9E



CF7ECF



9E6B85



4F474F



8F008F



0F000F



# Inverse Universe

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



9E6B9E



CF7ECF



6B9E85



4F474F



8F008F

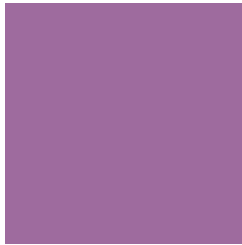


0F000F



# Previews

## White Background



This preview shows how the Hex color 9E6B9E looks on a white background.

## Color Contrast Check

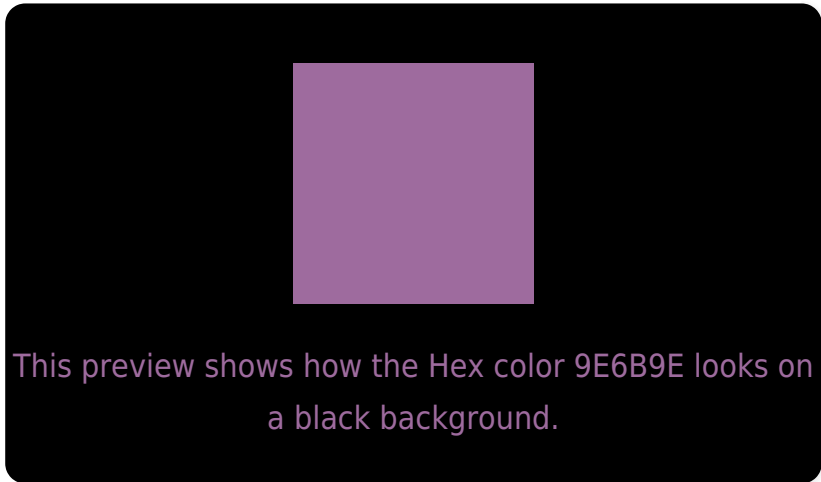
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E6B9E Background



This preview shows how black text looks on a background with the Hex color 9E6B9E.

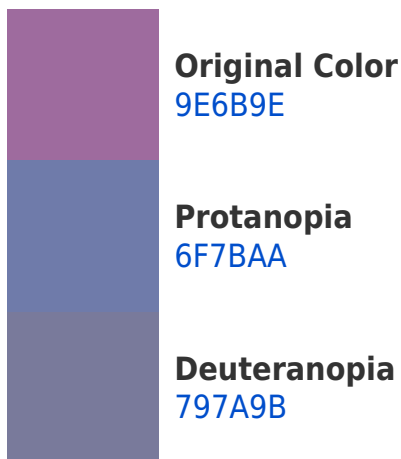


This preview shows how white text looks on a background with the Hex color 9E6B9E.

# 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**  
99727B

# Trichromacy



**Original Color**  
9E6B9E

**Protanomaly**  
8075A6

**Deuteranomaly**  
86759C

**Tritanomaly**  
9B6F88

# Monochromacy



**Original Color**  
9E6B9E

**Achromatopsia**  
808080

**Achromatomaly**  
8B788B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E6B9E 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 #9E6B9E looks like.

```
.text, #text, p{  
    color:#9E6B9E  
}
```

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 #9E6B9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E6B9E
}
```

## Border

The CSS property to change the border of an element to Hex 9E6B9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

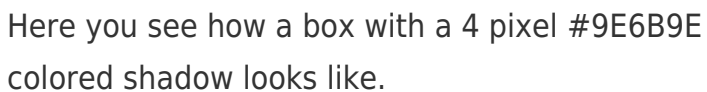
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E6B9E }
```

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

```
.border{ border-color:#9E6B9E }
```

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



Here you see how a box with a 4 pixel #9E6B9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E6B9E; -webkit-box-shadow:4px 4px  
4px 4px #9E6B9E; box-shadow:4px 4px 4px  
4px #9E6B9E }
```

# Background

The CSS property to change the background color of an element to Hex 9E6B9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E6B9E }
```

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

```
.background{ background-color:#9E6B9E }
```

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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