

# Converting Colors

Hex(9E6E8D)

Have a look what the booklet for  
Hex(9E6E8D) contains.

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# Color

**Hex(9E6E8D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E6E8D
RGB	158, 110, 141
RGB Percent	62%, 43%, 55%
CMY	0.3804, 0.5686, 0.4471
CMYK	0.00, 0.30, 0.11, 0.38
HSL	321°, 20%, 53%
HSV	321°, 30%, 62%
XYZ	24.4842, 20.3440, 27.8356
YIQ	127.8860, 18.6570, 19.8170

# Conversions

## Conversions Part 2

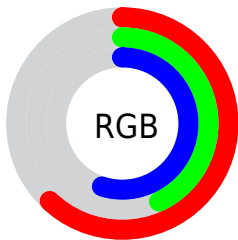
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	158, 110, 141
Decimal	10382989
CIE Lab	52.22, 24.07, -9.31
CIE LCh	52, 25.808, 338.863
Yxy	20.3440, 0.3370, 0.2800
Android (android.graphics.Color)	4288573069 (0xFF9E6E8D)
YUV	127.8860, 6.4652, 26.4100
Hunter-Lab	45.1044, 17.9632, -5.0171

# Details

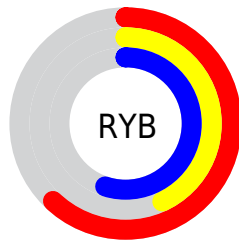
The Hex color **9E6E8D** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6E9E7F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **D5A2C3**, and **6A3D5B** is the 20% darker color. If you saturate the color by 10%, you get **9E5E87**, and if you desaturate by 10%, it is **9E7E93**.

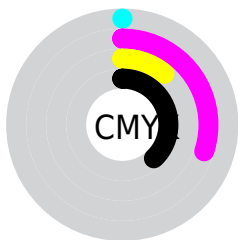
# Distribution



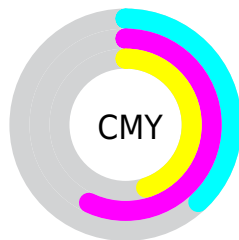
- Red (62%)
- Green (43%)
- Blue (55%)



- Red (62%)
- Yellow (43%)
- Blue (55%)



- Cyan (0%)
- Magenta (30%)
- Yellow (11%)
- Black (38%)



- Cyan (38%)
- Magenta (57%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E6E8D 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 9E6E8D by changing the saturation by 10% instead.





9E6E8D



9E6E8D

FFFFFF



835573



D5A2C3



6A3D5B



F2BDDF



512743



FFD9FB



39102D



FFF6FF



250019



000000



9E6E8D



9E6E8D



9E5E87



9E7E93



9E4E82



9E8E98

 9E3F7C

 9E9D9E

 9E2F77

 9EADA3

 9E1F71

 9EBDA9

 9E0F6B

 9ECDAF

 9E0066

 9EDDB4

 9EECBA

 9EFCBF

# Harmonies

## Analogous

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



88759F



9E6E8D



A86C77

# Triad

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



9E6E8D



857D51



328798

# Complementary

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



9E6E8D



6E9E7F

# 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.



3A8983



9E6E8D



6D8359

# Square

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



9E6E8D



997654



53876C



4783A5

# Rectangle

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



9E6E8D



A86D68



53876C



318891



# Sweetspot

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



9E6E8D



CFBCC8



7F6E9E



695D64



E8E8E8



696969



# Same Dimension

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



9E6E8D



CF84B4



9E6E75



4F474C



8F005C



0F000A



# Inverse Universe

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



9E6E8D



CF84B4



6E9E97



4F474C



8F005C

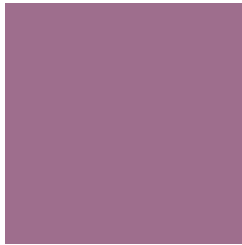


0F000A



# Previews

## White Background



This preview shows how the Hex color 9E6E8D 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 9E6E8D Background



This preview shows how black text looks on a background with the Hex color 9E6E8D.



This preview shows how white text looks on a background with the Hex color 9E6E8D.

# 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



**Original Color**  
9E6E8D

**Protanopia**  
77C96

**Deuteranopia**  
837A8B



**Tritanopia**  
9C717A

# Trichromacy



**Original Color**  
9E6E8D

**Protanomaly**  
857793

**Deuteranomaly**  
8D768C

**Tritanomaly**  
9D7081

# Monochromacy



**Original Color**  
9E6E8D

**Achromatopsia**  
808080

**Achromatomaly**  
8B7985

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E6E8D 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 #9E6E8D looks like.

```
.text, #text, p{  
    color:#9E6E8D  
}
```

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 #9E6E8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E6E8D
}
```

## Border

The CSS property to change the border of an element to Hex 9E6E8D is called "border". The border property can be set on classes, ids or directly on the HTML element.

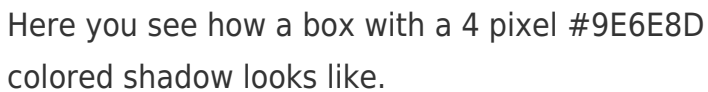
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E6E8D }
```

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

```
.border{ border-color:#9E6E8D }
```

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



Here you see how a box with a 4 pixel #9E6E8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E6E8D; -webkit-box-shadow:4px 4px  
4px 4px #9E6E8D; box-shadow:4px 4px 4px  
4px #9E6E8D }
```

# Background

The CSS property to change the background color of an element to Hex 9E6E8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E6E8D }
```

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

```
.background{ background-color:#9E6E8D }
```

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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