

# Converting Colors

Hex(9E5B7F)

Have a look what the booklet for  
Hex(9E5B7F) contains.

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# Color

Hex(9E5B7F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E5B7F
RGB	158, 91, 127
RGB Percent	62%, 36%, 50%
CMY	0.3804, 0.6431, 0.5020
CMYK	0.00, 0.42, 0.20, 0.38
HSL	328°, 27%, 49%
HSV	328°, 42%, 62%
XYZ	21.6724, 16.2836, 22.0795
YIQ	115.1370, 28.3760, 25.4000

# Conversions

## Conversions Part 2

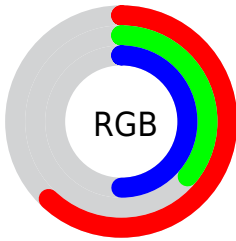
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	158, 91, 127
Decimal	10378111
CIE Lab	47.34, 32.43, -8.29
CIE LCh	47, 33.470, 345.666
Yxy	16.2836, 0.3610, 0.2712
Android (android.graphics.Color)	4288568191 (0xFF9E5B7F)
YUV	115.1370, 5.8485, 37.5909
Hunter-Lab	40.3529, 25.2497, -4.1940

# Details

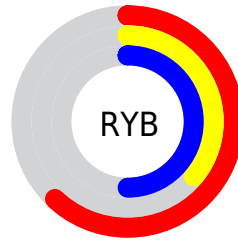
The Hex color **9E5B7F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5B9E7A**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **D68FB4**, and **692A4E** is the 20% darker color. If you saturate the color by 10%, you get **9E4B78**, and if you desaturate by 10%, it is **9E6B86**.

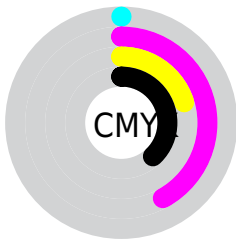
# Distribution



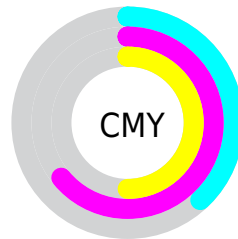
- Red (62%)
- Green (36%)
- Blue (50%)



- Red (62%)
- Yellow (36%)
- Blue (50%)



- Cyan (0%)
- Magenta (42%)
- Yellow (20%)
- Black (38%)



- Cyan (38%)
- Magenta (64%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E5B7F 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 9E5B7F by changing the saturation by 10% instead.



 9E5B7F

 9E5B7F

FFFFFF

 834266

 D68FB4

 692A4E

 F3A9CF

 4F1237

 FFC5EB

 370022

 FFE1FF

 21000A

FFFEFF

 000000

 9E5B7F

 9E5B7F

 9E4B78

 9E6B86

 9E3B70

 9E7B8E

 9E2C69

 9E8A95

 9E1C62

 9E9A9C

 9E0C5A

 9EAAA4

 9E0055

 9EBAAB

 9ECAB2

 9ED9B9

 9EE9C1

# Harmonies

## Analogous

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



866398



9E5B7F



A65A63

# Triad

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



9E5B7F



737338



007D98

# Complementary

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



9E5B7F



5B9E7A

# 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.



007F7F



9E5B7F



547A48

# Square

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



9E5B7F



8D6A39



2A7E61



2077A6

# Rectangle

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



9E5B7F



A35D51



2A7E61



007E90



# Sweetspot

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



9E5B7F



CFB4C2



795B9E



695861



E8E8E8



696969



# Same Dimension

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



9E5B7F



CF659E



9E5B5E



4F474B



8F004D



0F0008



# Inverse Universe

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



9E5B7F



CF659E



5B9E9B



4F474B



8F004D

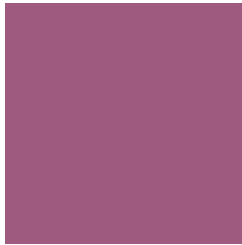


0F0008



# Previews

## White Background



This preview shows how the Hex color 9E5B7F looks on a white background.

## Color Contrast Check

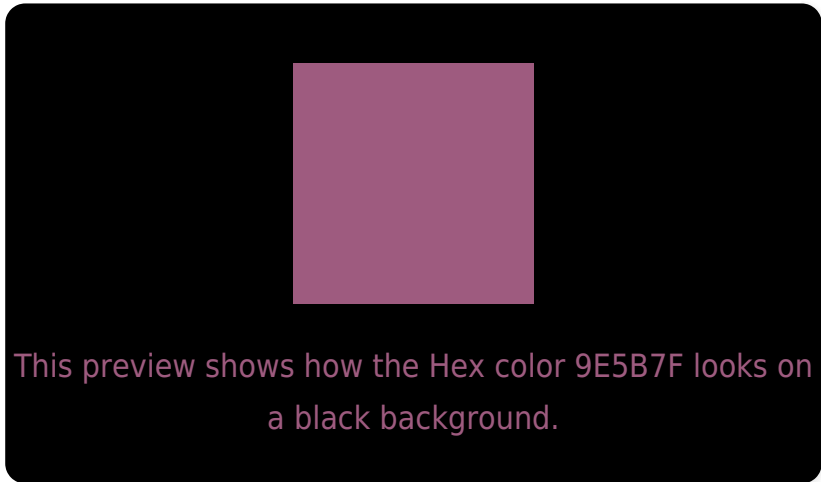
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 9E5B7F Background



This preview shows how black text looks on a background with the Hex color 9E5B7F.



This preview shows how white text looks on a background with the Hex color 9E5B7F.

# 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**  
9E5B7F

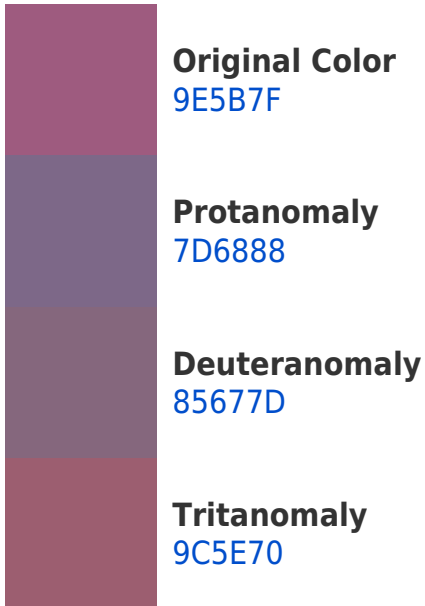
**Protanopia**  
6A708D

**Deuteranopia**  
776E7C

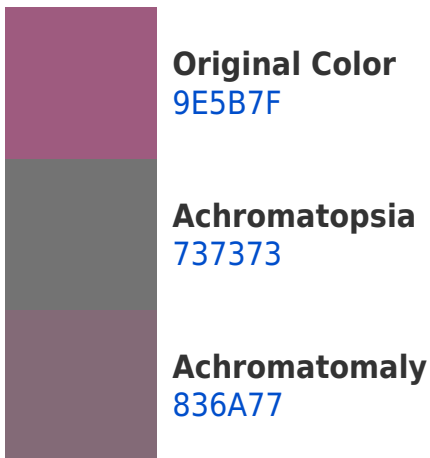


**Tritanopia**  
9B6067

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E5B7F 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 #9E5B7F looks like.

```
.text, #text, p{  
    color:#9E5B7F  
}
```

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 #9E5B7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E5B7F
}
```

## Border

The CSS property to change the border of an element to Hex 9E5B7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

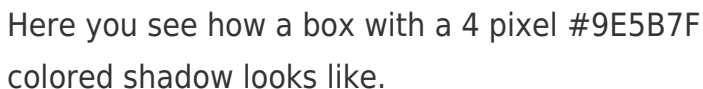
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E5B7F }
```

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

```
.border{ border-color:#9E5B7F }
```

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



Here you see how a box with a 4 pixel #9E5B7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E5B7F; -webkit-box-shadow:4px 4px  
4px 4px #9E5B7F; box-shadow:4px 4px 4px  
4px #9E5B7F }
```

# Background

The CSS property to change the background color of an element to Hex 9E5B7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E5B7F }
```

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

```
.background{ background-color:#9E5B7F }
```

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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