

# Converting Colors

Hex(9E4F8A)

Have a look what the booklet for  
Hex(9E4F8A) contains.

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**Color**

**Hex(9E4F8A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E4F8A
RGB	158, 79, 138
RGB Percent	62%, 31%, 54%
CMY	0.3804, 0.6902, 0.4588
CMYK	0.00, 0.50, 0.13, 0.38
HSL	315°, 33%, 46%
HSV	315°, 50%, 62%
XYZ	21.4840, 14.6960, 25.7490
YIQ	109.3470, 28.1450, 35.0970

# Conversions

## Conversions Part 2

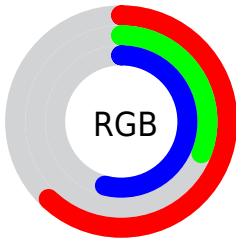
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 79, 138
Decimal	10375050
CIELab	45.22, 40.72, -18.14
CIElCh	45, 44.574, 335.991
Yxy	14.6960, 0.3469, 0.2373
Android (android.graphics.Color)	4288565130 (0xFF9E4F8A)
YUV	109.3470, 14.1259, 42.6687
Hunter-Lab	38.3354, 32.9482, -12.9890

# Details

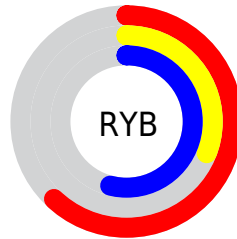
The Hex color **9E4F8A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4F9E63**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **D683C0**, and **681C58** is the 20% darker color. If you saturate the color by 10%, you get **9E3F86**, and if you desaturate by 10%, it is **9E5F8E**.

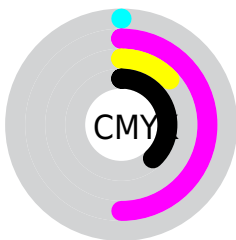
# Distribution



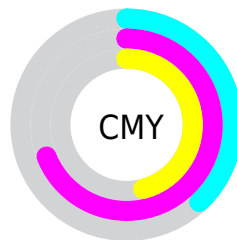
- Red (62%)
- Green (31%)
- Blue (54%)



- Red (62%)
- Yellow (31%)
- Blue (54%)



- Cyan (0%)
- Magenta (50%)
- Yellow (13%)
- Black (38%)



- Cyan (38%)
- Magenta (69%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E4F8A 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 9E4F8A by changing the saturation by 10% instead.





9E4F8A



9E4F8A

FFFFFF



833670



D683C0



681C58



F39EDB



4F0040



FFB9F8



36002A



FFD5FF



1D0015



FFF2FF



000000



9E4F8A



9E4F8A



9E3F86



9E5F8E



9E2F82



9E6F92

 9E207E

 9E7E96

 9E107A

 9E8E9A

 9E0076

 9E9E9E

 9EAEA2

 9EBEA6

 9ECDAA

 9EDDAE

# Harmonies

## Analogous

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



765EA7



9E4F8A



AE4965

# Triad

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



9E4F8A



786C1A



007C96

# Complementary

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



9E4F8A



4F9E63

# 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.



007D72



9E4F8A



51752B

# Square

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



9E4F8A



975E25



087B4B



0077AF

# Rectangle

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



9E4F8A



AE4C4D



087B4B



007D8B



# Sweetspot

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



9E4F8A



CFB0C7



634F9E



695664



E8E8E8



696969



# Same Dimension

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



9E4F8A



CF53AF



9E4F63



4F474D



8F006B



0F000B



# Inverse Universe

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



9E4F8A



CF53AF



4F9E8A



4F474D



8F006B



0F000B



# Previews

## White Background



This preview shows how the Hex color 9E4F8A looks on a white background.

## Color Contrast Check

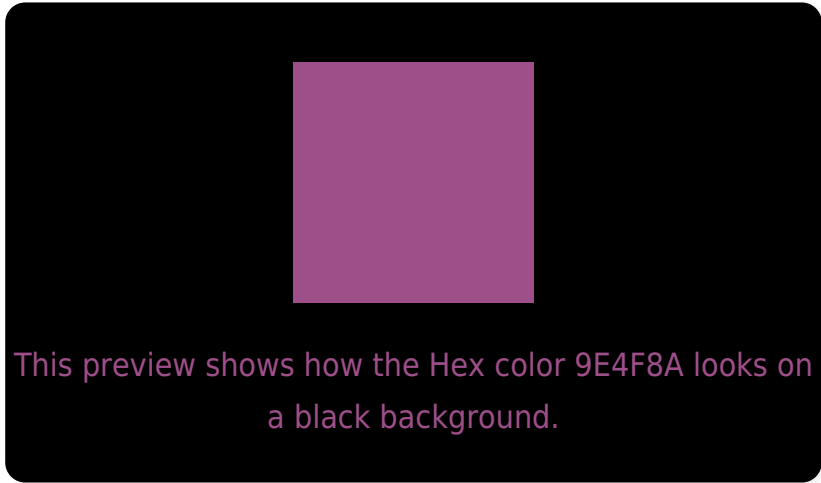
Large Text (above 18pt) WCAG AA ✓ Pass

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

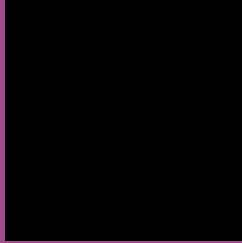
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9E4F8A Background



This preview shows how black text looks on a background with the Hex color 9E4F8A.

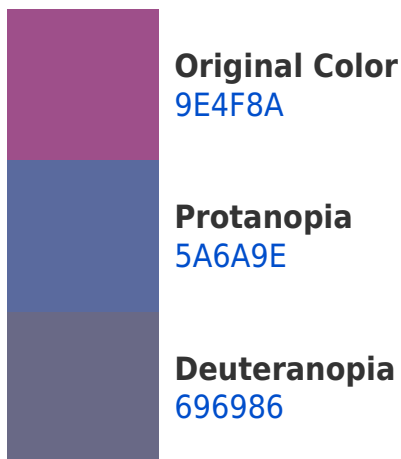



This preview shows how white text looks on a background with the Hex color 9E4F8A.

# 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**  
99595F

# Trichromacy



**Original Color**  
9E4F8A

**Protanomaly**  
736097

**Deuteranomaly**  
7C6087

**Tritanomaly**  
9B556F

# Monochromacy



**Original Color**  
9E4F8A

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
7F6278

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E4F8A 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 #9E4F8A looks like.

```
.text, #text, p{  
    color:#9E4F8A  
}
```

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 #9E4F8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E4F8A
}
```

## Border

The CSS property to change the border of an element to Hex 9E4F8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

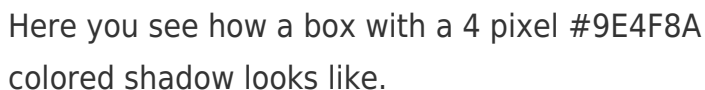
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E4F8A }
```

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

```
.border{ border-color:#9E4F8A }
```

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



Here you see how a box with a 4 pixel #9E4F8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E4F8A; -webkit-box-shadow:4px 4px  
4px 4px #9E4F8A; box-shadow:4px 4px 4px  
4px #9E4F8A }
```

# Background

The CSS property to change the background color of an element to Hex 9E4F8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E4F8A }
```

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

```
.background{ background-color:#9E4F8A }
```

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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