

# Converting Colors

Hex(9E407D)

Have a look what the booklet for  
Hex(9E407D) contains.

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# Color

**Hex(9E407D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E407D
RGB	158, 64, 125
RGB Percent	62%, 25%, 49%
CMY	0.3804, 0.7490, 0.5098
CMYK	0.00, 0.59, 0.21, 0.38
HSL	321°, 42%, 44%
HSV	321°, 59%, 62%
XYZ	19.6356, 12.4166, 20.7638
YIQ	99.0600, 36.4430, 38.8990

# Conversions

## Conversions Part 2

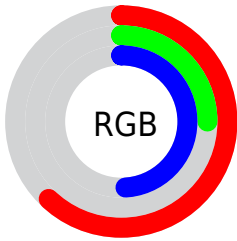
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 64, 125
Decimal	10371197
CIE <sub>Lab</sub>	41.87, 46.14, -15.34
CIE <sub>LCh</sub>	42, 48.619, 341.606
Y <sub>xy</sub>	12.4166, 0.3718, 0.2351
Android (android.graphics.Color)	4288561277 (0xFF9E407D)
YUV	99.0600, 12.7884, 51.6904
Hunter-Lab	35.2371, 37.8027, -10.2711

# Details

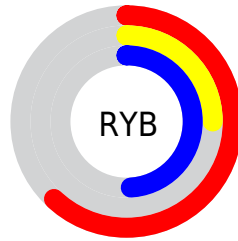
The Hex color **9E407D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **409E61**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **D775B2**, and **68024C** is the 20% darker color. If you saturate the color by 10%, you get **9E3077**, and if you desaturate by 10%, it is **9E5083**.

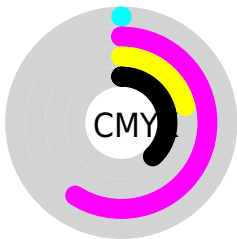
# Distribution



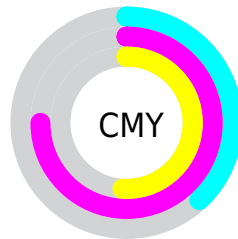
- Red (62%)
- Green (25%)
- Blue (49%)



- Red (62%)
- Yellow (25%)
- Blue (49%)



- Cyan (0%)
- Magenta (59%)
- Yellow (21%)
- Black (38%)



- Cyan (38%)
- Magenta (75%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E407D 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 9E407D by changing the saturation by 10% instead.



■ 9E407D

■ 9E407D

FFFFFF

■ 822564

■ D775B2

■ 68024C

■ F48FCD

■ 4D0035

■ FFABE9

■ 350020

■ FFC7FF

■ 170004

■ FFE4FF

■ 000000

■ 9E407D

■ 9E407D

■ 9E3077

■ 9E5083

■ 9E2072

■ 9E6088

 9E116C

 9E6F8E

 9E0167

 9E7F93

 9E0067

 9E8F99

 9E9F9E

 9EAFA4

 9EBEA9

 9ECEAF

# Harmonies

## Analogous

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



78519F



9E407D



AB3B55

# Triad

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



9E407D



686603



007497

# Complementary

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



9E407D



409E61

# 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.



007672



9E407D



3B6F22

# Square

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



9E407D



8A580F



007448



006EAF

# Rectangle

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



9E407D



A7423B



007448



00758C



# Sweetspot

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



9E407D



CFA9C1



61409E



695260



E8E8E8



696969



# Same Dimension

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



9E407D



CF3C9B



9E404E



4F474C



8F005D



0F000A



# Inverse Universe

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



9E407D



CF3C9B



409E90



4F474C



8F005D



0F000A



# Previews

## White Background



This preview shows how the Hex color 9E407D looks on a white background.

## Color Contrast Check

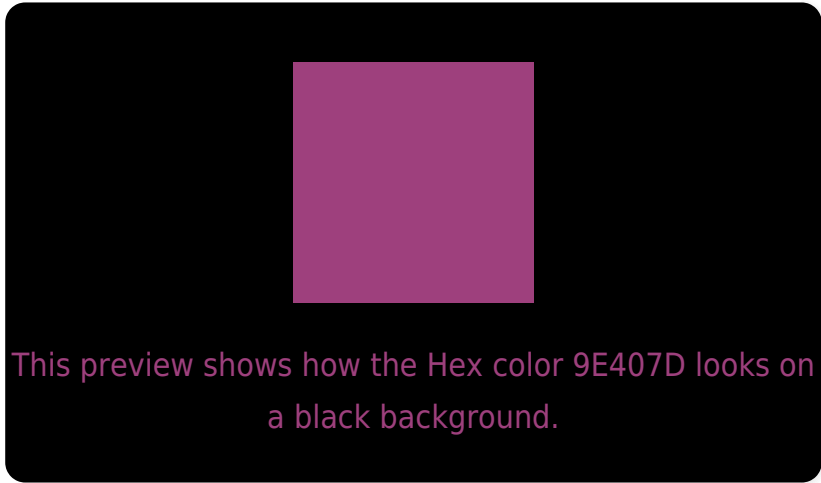
Large Text (above 18pt) WCAG AA ✓ Pass

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

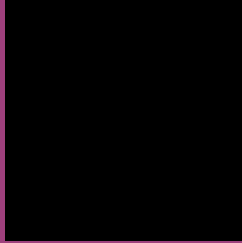
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9E407D Background



This preview shows how black text looks on a background with the Hex color 9E407D.

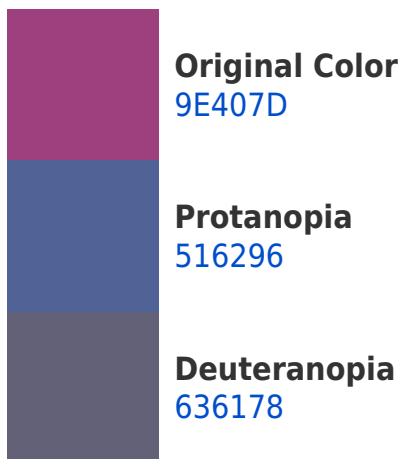



This preview shows how white text looks on a background with the Hex color 9E407D.

# 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](#).

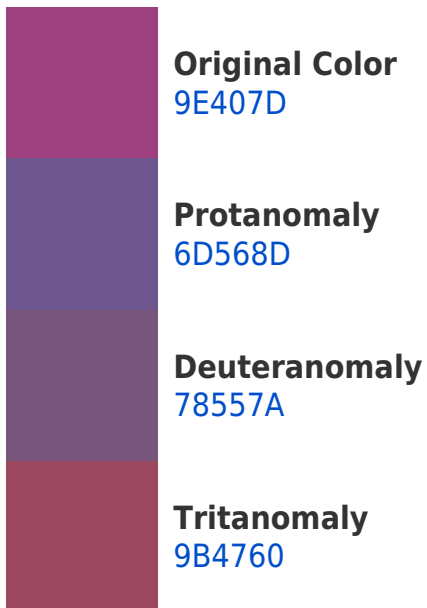
## Dichromacy



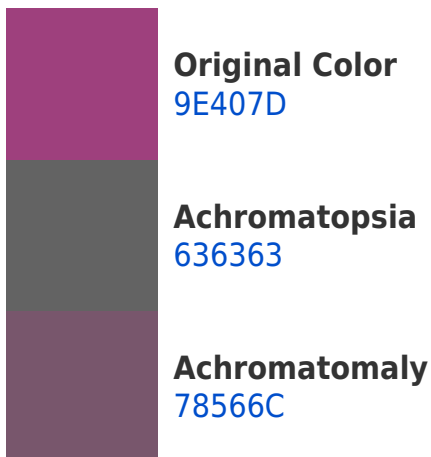


**Tritanopia**  
9A4B50

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E407D 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 #9E407D looks like.

```
.text, #text, p{  
    color:#9E407D  
}
```

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 #9E407D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E407D
}
```

## Border

The CSS property to change the border of an element to Hex 9E407D 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
#9E407D }
```

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

```
.border{ border-color:#9E407D }
```

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

Here you see how a box with a 4 pixel #9E407D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E407D; -webkit-box-shadow:4px 4px  
4px 4px #9E407D; box-shadow:4px 4px 4px  
4px #9E407D }
```

# Background

The CSS property to change the background color of an element to Hex 9E407D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E407D }
```

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

```
.background{ background-color:#9E407D }
```

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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