

# Converting Colors

Hex(9D5E7D)

Have a look what the booklet for  
Hex(9D5E7D) contains.

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# Color

**Hex(9D5E7D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D5E7D
RGB	157, 94, 125
RGB Percent	62%, 37%, 49%
CMY	0.3843, 0.6314, 0.5098
CMYK	0.00, 0.40, 0.20, 0.38
HSL	330°, 25%, 49%
HSV	330°, 40%, 62%
XYZ	21.6090, 16.6542, 21.4777
YIQ	116.3710, 27.5970, 22.9970

# Conversions

## Conversions Part 2

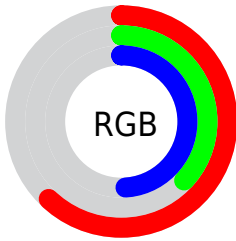
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 94, 125
Decimal	10313341
CIE <sub>Lab</sub>	47.82, 30.07, -6.39
CIE <sub>LCh</sub>	48, 30.744, 348.011
Yxy	16.6542, 0.3617, 0.2788
Android (android.graphics.Color)	4288503421 (0xFF9D5E7D)
YUV	116.3710, 4.2541, 35.6316
Hunter-Lab	40.8095, 23.1006, -2.6371

# Details

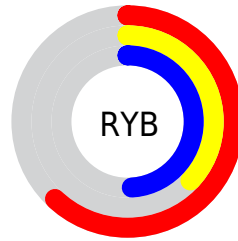
The Hex color **9D5E7D** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5E9D7E**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **D592B2**, and **682E4C** is the 20% darker color. If you saturate the color by 10%, you get **9D4E75**, and if you desaturate by 10%, it is **9D6E85**.

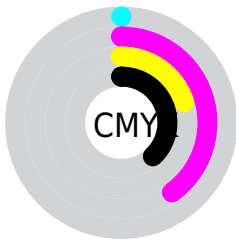
# Distribution



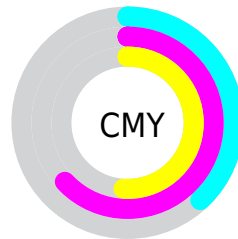
- Red (62%)
- Green (37%)
- Blue (49%)



- Red (62%)
- Yellow (37%)
- Blue (49%)



- Cyan (0%)
- Magenta (40%)
- Yellow (20%)
- Black (38%)



- Cyan (38%)
- Magenta (63%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D5E7D 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 9D5E7D by changing the saturation by 10% instead.



9D5E7D

9D5E7D

FFFFFF

824564

D592B2

682E4C

F2ACCD

4F1635

FFC8E9

360020

FFE4FF

210007

000000

9D5E7D

9D5E7D

9D4E75

9D6E85

9D3F6D

9D7D8D

 9D2F65

 9D8D95

 9D1F5D

 9D9D9D

 9D0F55

 9DADA5

 9D004D

 9DBCAD

 9DCCB5

 9DDCBD

 9DEBC5

# Harmonies

## Analogous

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



886594



9D5E7D



A45D63

# Triad

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



9D5E7D



72753F



007D97

# Complementary

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



9D5E7D



5E9D7E

# 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.



007F81



9D5E7D



557B4E

# Square

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



9D5E7D



8B6C3F



317E66



3577A4

# Rectangle

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



9D5E7D



A06153



317E66



007E91



# Sweetspot

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



9D5E7D



CCB4C0



7E5E9D



66585F



E6E6E6



666666



# Same Dimension

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



9D5E7D



CC6A9A



9D5E5E



4F474B



8F0046



0F0008



# Inverse Universe

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



9D5E7D



CC6A9A



5E9D9D



4F474B



8F0046

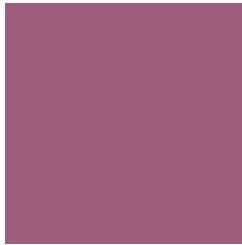


0F0008



# Previews

## White Background



This preview shows how the Hex color 9D5E7D looks on a white background.

## Color Contrast Check

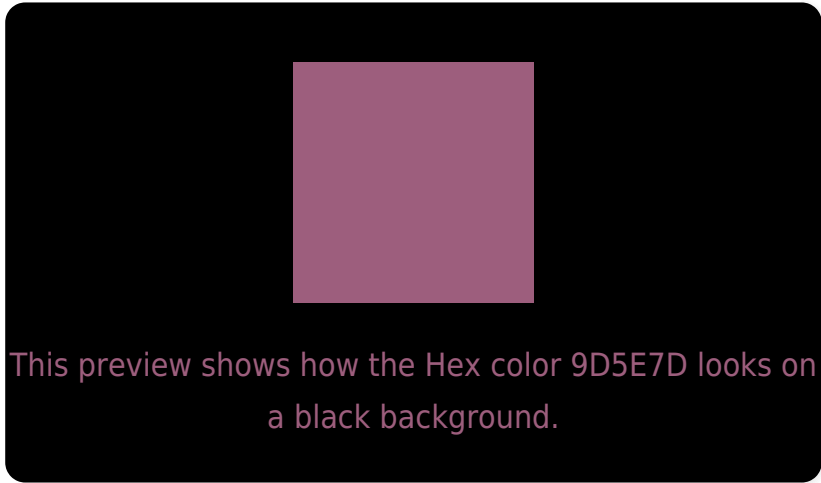
Large Text (above 18pt) WCAG AA ✓ Pass

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

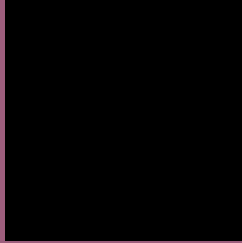
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9D5E7D Background



This preview shows how black text looks on a background with the Hex color 9D5E7D.



This preview shows how white text looks on a background with the Hex color 9D5E7D.

# 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](#).

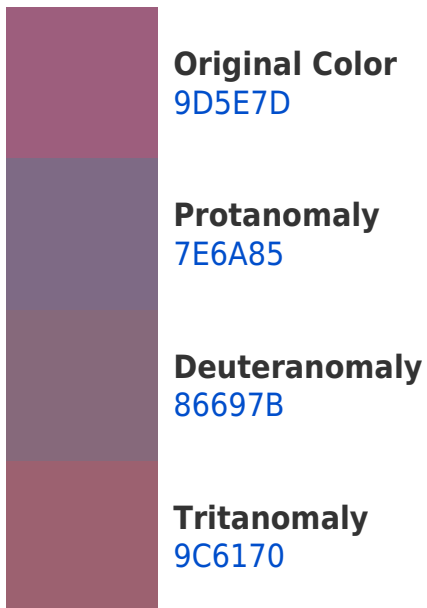
## Dichromacy



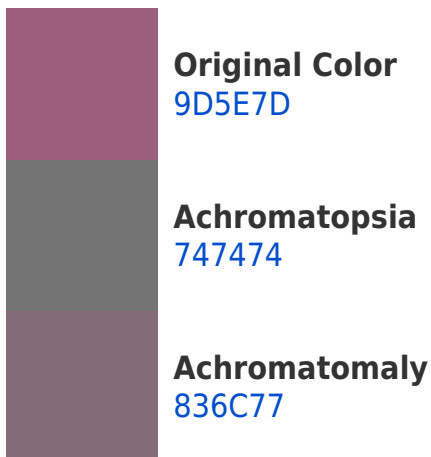


**Tritanopia**  
9B6269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D5E7D 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 #9D5E7D looks like.

```
.text, #text, p{  
    color:#9D5E7D  
}
```

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 #9D5E7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D5E7D
}
```

## Border

The CSS property to change the border of an element to Hex 9D5E7D is called "border". The border property can be set on classes, ids or directly on the HTML element.

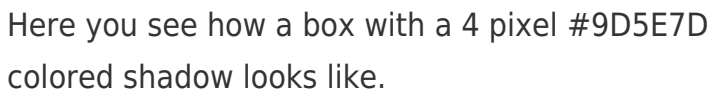
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D5E7D }
```

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

```
.border{ border-color:#9D5E7D }
```

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



Here you see how a box with a 4 pixel #9D5E7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D5E7D; -webkit-box-shadow:4px 4px  
4px 4px #9D5E7D; box-shadow:4px 4px 4px  
4px #9D5E7D }
```

# Background

The CSS property to change the background color of an element to Hex 9D5E7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D5E7D }
```

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

```
.background{ background-color:#9D5E7D }
```

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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