

# Converting Colors

Hex(9E5F76)

Have a look what the booklet for  
Hex(9E5F76) contains.

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# Color

**Hex(9E5F76)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E5F76
RGB	158, 95, 118
RGB Percent	62%, 37%, 46%
CMY	0.3804, 0.6275, 0.5373
CMYK	0.00, 0.40, 0.25, 0.38
HSL	338°, 25%, 50%
HSV	338°, 40%, 62%
XYZ	21.4628, 16.7615, 19.2436
YIQ	116.4590, 30.1650, 20.5090

# Conversions

## Conversions Part 2

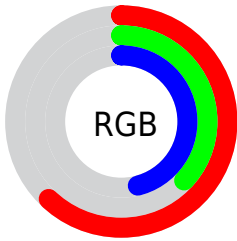
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 95, 118
Decimal	10379126
CIE <sub>Lab</sub>	47.96, 28.79, -1.97
CIE <sub>LCh</sub>	48, 28.861, 356.096
Yxy	16.7615, 0.3735, 0.2917
Android (android.graphics.Color)	4288569206 (0xFF9E5F76)
YUV	116.4590, 0.7597, 36.4315
Hunter-Lab	40.9408, 21.9301, 0.7902

# Details

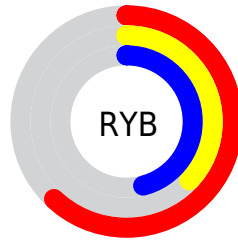
The Hex color **9E5F76** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5F9E87**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **D693AA**, and **692F46** is the 20% darker color. If you saturate the color by 10%, you get **9E4F6C**, and if you desaturate by 10%, it is **9E6F80**.

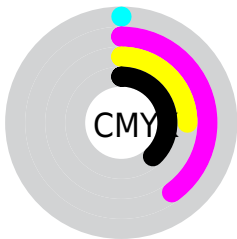
# Distribution



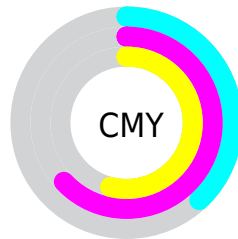
- Red (62%)
- Green (37%)
- Blue (46%)



- Red (62%)
- Yellow (37%)
- Blue (46%)



- Cyan (0%)
- Magenta (40%)
- Yellow (25%)
- Black (38%)



- Cyan (38%)
- Magenta (63%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E5F76 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 9E5F76 by changing the saturation by 10% instead.





9E5F76



9E5F76

FFFFFF



83465D



D693AA



692F46



F3ADC5



4F1730



FFC9E1



37001B



FFE5FE



220001



000000



9E5F76



9E5F76



9E4F6C



9E6F80



9E3F62



9E7F8A

 9E3058

 9E8E94

 9E204E

 9E9E9E

 9E1044

 9EAEA8

 9E003A

 9EBEB2

 9ECEBC

 9EDDC6

 9EEDD0

# Harmonies

## Analogous

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



8D648D



9E5F76



A1605E

# Triad

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



9E5F76



6C7745



187B9A

# Complementary

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



9E5F76



5F9E87

# 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.



007E86



9E5F76



4F7C56

# Square

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



9E5F76



856F41



2E7F6E



4875A2

# Rectangle

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



9E5F76



9C6450



2E7F6E



047D94



# Sweetspot

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



9E5F76



CFB6BF



875F9E



695A5F



E8E8E8



696969



# Same Dimension

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



9E5F76



CF6B90



9E675F



4F474A



8F0034



0F0006



# Inverse Universe

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



9E5F76



CF6B90



5F969E



4F474A



8F0034

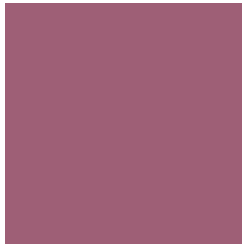


0F0006



# Previews

## White Background



This preview shows how the Hex color 9E5F76 looks on a white background.

## Color Contrast Check

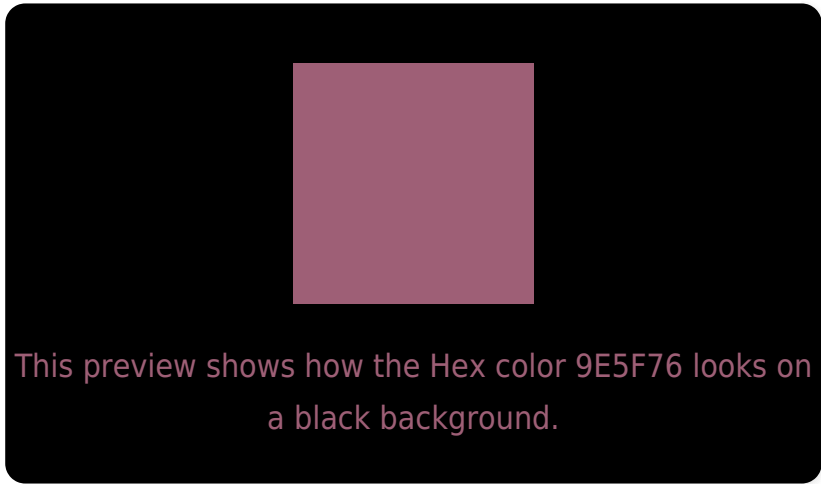
Large Text (above 18pt) WCAG AA ✓ Pass

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

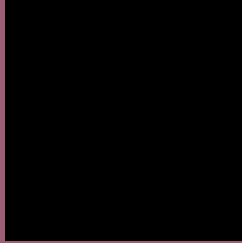
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9E5F76 Background



This preview shows how black text looks on a background with the Hex color 9E5F76.



This preview shows how white text looks on a background with the Hex color 9E5F76.

# 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**  
9E5F76

**Protanopia**  
707181

**Deuteranopia**  
7D6F73



**Tritanopia**  
9D6169

# Trichromacy



**Original Color**  
9E5F76

**Protanomaly**  
816A7D

**Deuteranomaly**  
896974

**Tritanomaly**  
9D606E

# Monochromacy



**Original Color**  
9E5F76

**Achromatopsia**  
747474

**Achromatomaly**  
836C75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E5F76 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 #9E5F76 looks like.

```
.text, #text, p{  
    color:#9E5F76  
}
```

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 #9E5F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E5F76
}
```

## Border

The CSS property to change the border of an element to Hex 9E5F76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

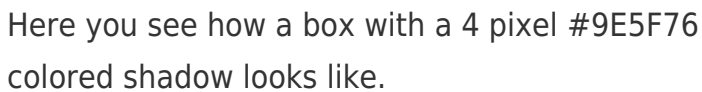
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E5F76 }
```

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

```
.border{ border-color:#9E5F76 }
```

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



Here you see how a box with a 4 pixel #9E5F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E5F76; -webkit-box-shadow:4px 4px  
4px 4px #9E5F76; box-shadow:4px 4px 4px  
4px #9E5F76 }
```

# Background

The CSS property to change the background color of an element to Hex 9E5F76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E5F76 }
```

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

```
.background{ background-color:#9E5F76 }
```

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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