

# Converting Colors

Hex(9E5070)

Have a look what the booklet for  
Hex(9E5070) contains.

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**Color**

**Hex(9E5070)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E5070
RGB	158, 80, 112
RGB Percent	62%, 31%, 44%
CMY	0.3804, 0.6863, 0.5608
CMYK	0.00, 0.49, 0.29, 0.38
HSL	335°, 33%, 47%
HSV	335°, 49%, 62%
XYZ	19.8938, 14.1763, 17.0170
YIQ	106.9700, 36.2160, 26.4880

# Conversions

## Conversions Part 2

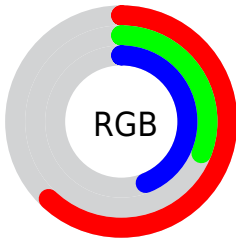
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 80, 112
Decimal	10375280
CIE <sub>Lab</sub>	44.48, 36.16, -3.45
CIE <sub>LCh</sub>	44, 36.322, 354.555
Yxy	14.1763, 0.3894, 0.2775
Android (android.graphics.Color)	4288565360 (0xFF9E5070)
YUV	106.9700, 2.4798, 44.7533
Hunter-Lab	37.6514, 28.4240, -0.4409

# Details

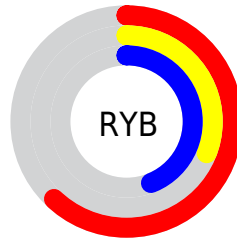
The Hex color **9E5070** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **509E7E**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **D783A4**, and **681E40** is the 20% darker color. If you saturate the color by 10%, you get **9E4067**, and if you desaturate by 10%, it is **9E6079**.

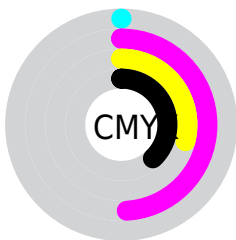
# Distribution



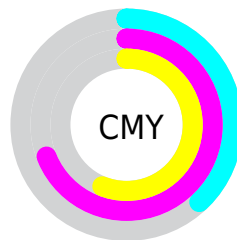
- Red (62%)
- Green (31%)
- Blue (44%)



- Red (62%)
- Yellow (31%)
- Blue (44%)



- Cyan (0%)
- Magenta (49%)
- Yellow (29%)
- Black (38%)



- Cyan (38%)
- Magenta (69%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E5070 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 9E5070 by changing the saturation by 10% instead.



 9E5070

 9E5070

FFFFFF

 833758

 D783A4

 681E40

 F49EBF

 4E012A

 FFBADB

 350016

 FFD6F7

 190001

 FFF3FF

 000000

 9E5070

 9E5070

 9E4067

 9E6079

 9E305D

 9E7083

 9E2154

 9E7F8C

 9E114B

 9E8F95

 9E0141

 9E9F9F

 9E0041

 9EAFA8

 9EBFB1

 9ECEBB

 9EDEC4

# Harmonies

## Analogous

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



89588D



9E5070



A15152

# Triad

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



9E5070



626F30



00759A

# Complementary

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



9E5070



509E7E

# 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.



007881



9E5070



3D7545

# Square

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



9E5070



80662B



007862



1F6EA5

# Rectangle

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



9E5070



9B5740



007862



007793



# Sweetspot

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



9E5070



CFB0BC



7D509E



69565D



E8E8E8



696969



# Same Dimension

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



9E5070



CF5587



9E5750



4F474A



8F003B



0F0006



# Inverse Universe

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



9E5070



CF5587



50989E



4F474A



8F003B

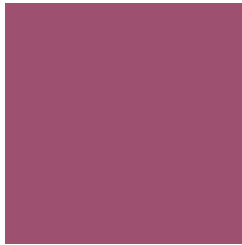


0F0006



# Previews

## White Background



This preview shows how the Hex color 9E5070 looks on a white background.

## Color Contrast Check

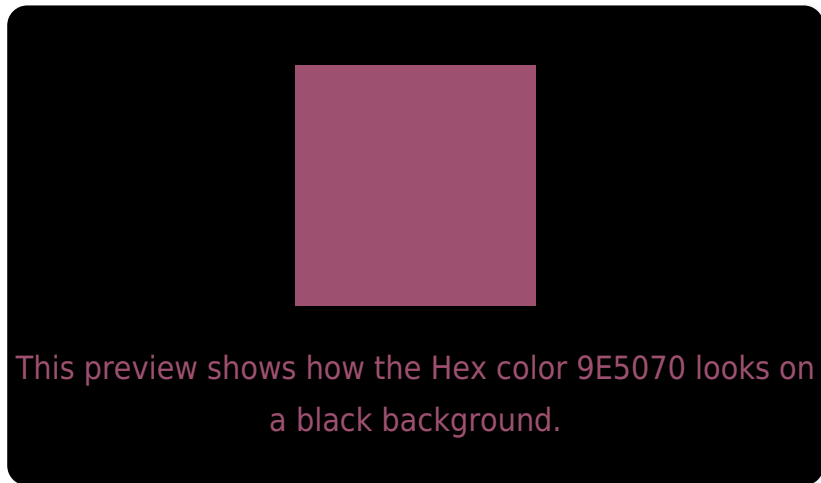
Large Text (above 18pt) WCAG AA ✓ Pass

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

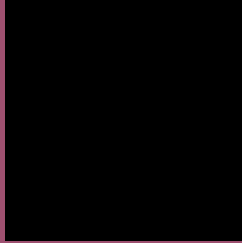
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9E5070 Background



This preview shows how black text looks on a background with the Hex color 9E5070.




This preview shows how white text looks on a background with the Hex color 9E5070.

# 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**  
9C545A

# Trichromacy



**Original Color**  
9E5070

**Protanomaly**  
7A607A

**Deuteranomaly**  
835E6D

**Tritanomaly**  
9D5362

# Monochromacy



**Original Color**  
9E5070

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
7E616D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E5070 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 #9E5070 looks like.

```
.text, #text, p{  
    color:#9E5070  
}
```

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 #9E5070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E5070
}
```

## Border

The CSS property to change the border of an element to Hex 9E5070 is called "border". The border property can be set on classes, ids or directly on the HTML element.

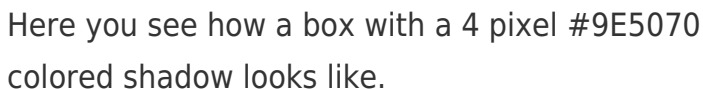
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E5070 }
```

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

```
.border{ border-color:#9E5070 }
```

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



Here you see how a box with a 4 pixel #9E5070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E5070; -webkit-box-shadow:4px 4px  
4px 4px #9E5070; box-shadow:4px 4px 4px  
4px #9E5070 }
```

# Background

The CSS property to change the background color of an element to Hex 9E5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E5070 }
```

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

```
.background{ background-color:#9E5070 }
```

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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