

# Converting Colors

Hex(9E5777)

Have a look what the booklet for  
Hex(9E5777) contains.

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# Color

**Hex(9E5777)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E5777
RGB	158, 87, 119
RGB Percent	62%, 34%, 47%
CMY	0.3804, 0.6588, 0.5333
CMYK	0.00, 0.45, 0.25, 0.38
HSL	333°, 29%, 48%
HSV	333°, 45%, 62%
XYZ	20.8385, 15.4174, 19.3303
YIQ	111.8770, 32.0440, 25.0040

# Conversions

## Conversions Part 2

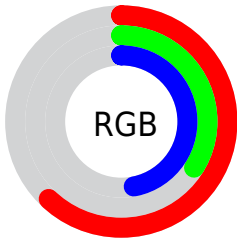
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 87, 119
Decimal	10377079
CIE <sub>Lab</sub>	46.20, 33.39, -5.16
CIE <sub>LCh</sub>	46, 33.785, 351.209
Yxy	15.4174, 0.3749, 0.2774
Android (android.graphics.Color)	4288567159 (0xFF9E5777)
YUV	111.8770, 3.5116, 40.4499
Hunter-Lab	39.2650, 26.0189, -1.7032

# Details

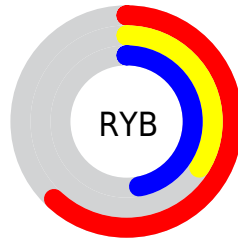
The Hex color **9E5777** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **579E7E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **D68AAB**, and **682647** is the 20% darker color. If you saturate the color by 10%, you get **9E476E**, and if you desaturate by 10%, it is **9E6780**.

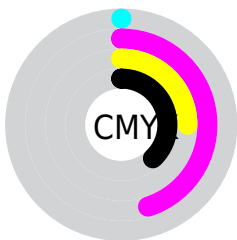
# Distribution



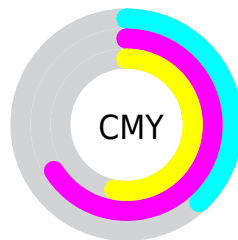
- Red (62%)
- Green (34%)
- Blue (47%)



- Red (62%)
- Yellow (34%)
- Blue (47%)



- Cyan (0%)
- Magenta (45%)
- Yellow (25%)
- Black (38%)



- Cyan (38%)
- Magenta (66%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E5777 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 9E5777 by changing the saturation by 10% instead.



 9E5777

 9E5777

FFFFFF

 833E5E

 D68AAB

 682647

 F3A5C6

 4F0C30

 FFC1E2

 36001C

 FFDDFF

 1F0001

 FFFAFF

 000000

 9E5777

 9E5777

 9E476E

 9E6780

 9E3766

 9E7788

 9E285D

 9E8691

 9E1854

 9E969A

 9E084C

 9EA6A2

 9E0047

 9EB6AB

 9EC6B4

 9ED5BC

 9EE5C5

# Harmonies

## Analogous

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



895E91



9E5777



A3575A

# Triad

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



9E5777



6B7237



007999

# Complementary

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



9E5777



579E7E

# 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.



007C81



9E5777



4A7849

# Square

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



9E5777



866935



197C64



2973A5

# Rectangle

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



9E5777



9F5C4A



197C64



007A92



# Sweetspot

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



9E5777



CFB4C0



7D579E



69585F



E8E8E8



696969



# Same Dimension

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



9E5777



CF5F91



9E5957



4F474B



8F0040



0F0007



# Inverse Universe

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



9E5777



CF5F91



579C9E



4F474B



8F0040

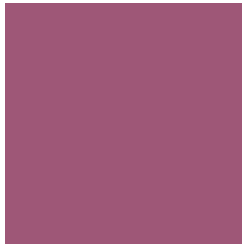


0F0007



# Previews

## White Background



This preview shows how the Hex color 9E5777 looks on a white background.

## Color Contrast Check

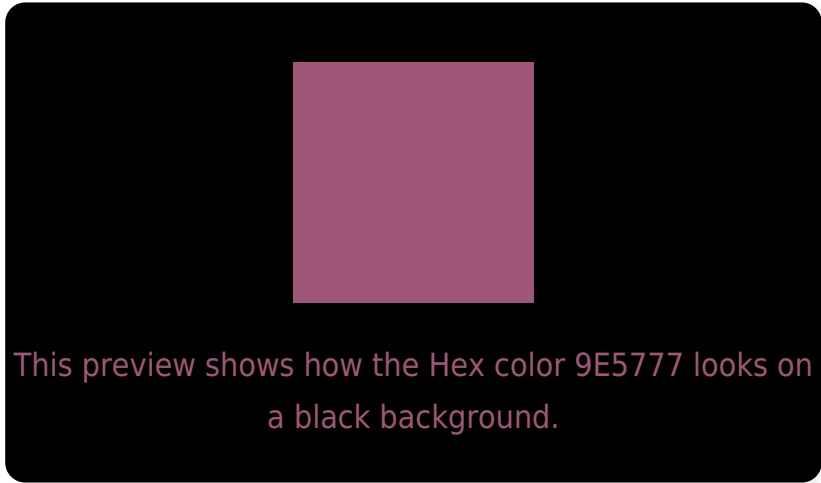
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E5777 Background



This preview shows how black text looks on a background with the Hex color 9E5777.



This preview shows how white text looks on a background with the Hex color 9E5777.

# 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**  
9E5777

**Protanopia**  
696D85

**Deuteranopia**  
766B74



**Tritanopia**  
9C5B62

# Trichromacy



**Original Color**  
9E5777

**Protanomaly**  
7C6580

**Deuteranomaly**  
856475

**Tritanomaly**  
9D5A6A

# Monochromacy



**Original Color**  
9E5777

**Achromatopsia**  
707070

**Achromatomaly**  
816773

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E5777 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 #9E5777 looks like.

```
.text, #text, p{  
    color:#9E5777  
}
```

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 #9E5777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E5777
}
```

## Border

The CSS property to change the border of an element to Hex 9E5777 is called "border". The border property can be set on classes, ids or directly on the HTML element.

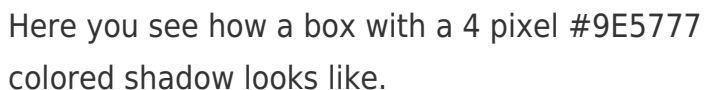
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E5777 }
```

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

```
.border{ border-color:#9E5777 }
```

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



Here you see how a box with a 4 pixel #9E5777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E5777; -webkit-box-shadow:4px 4px  
4px 4px #9E5777; box-shadow:4px 4px 4px  
4px #9E5777 }
```

# Background

The CSS property to change the background color of an element to Hex 9E5777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E5777 }
```

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

```
.background{ background-color:#9E5777 }
```

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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