

# Converting Colors

Hex(9E749C)

Have a look what the booklet for  
Hex(9E749C) contains.

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**Color**

**Hex(9E749C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E749C
RGB	158, 116, 156
RGB Percent	62%, 45%, 61%
CMY	0.3804, 0.5451, 0.3882
CMYK	0.00, 0.27, 0.01, 0.38
HSL	303°, 18%, 54%
HSV	303°, 27%, 62%
XYZ	26.3467, 22.1602, 34.3412
YIQ	133.1180, 12.1920, 21.3440

# Conversions

## Conversions Part 2

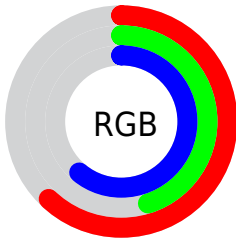
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	158, 116, 156
Decimal	10384540
CIE <sub>Lab</sub>	54.20, 23.44, -15.11
CIE <sub>LCh</sub>	54, 27.888, 327.193
Yxy	22.1602, 0.3180, 0.2675
Android (android.graphics.Color)	4288574620 (0xFF9E749C)
YUV	133.1180, 11.2808, 21.8215
Hunter-Lab	47.0746, 17.5222, -10.3002

# Details

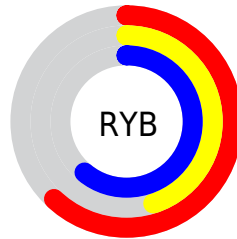
The Hex color **9E749C** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **749E76**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **D5A8D3**, and **6A4369** is the 20% darker color. If you saturate the color by 10%, you get **9E649B**, and if you desaturate by 10%, it is **9E849D**.

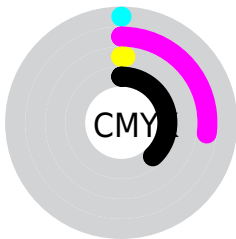
# Distribution



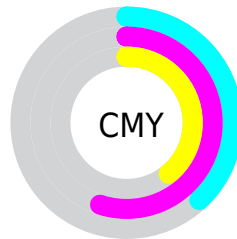
- Red (62%)
- Green (45%)
- Blue (61%)



- Red (62%)
- Yellow (45%)
- Blue (61%)



- Cyan (0%)
- Magenta (27%)
- Yellow (1%)
- Black (38%)



- Cyan (38%)
- Magenta (55%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E749C 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 9E749C by changing the saturation by 10% instead.



 9E749C

 9E749C

FFFFFF

 845B82

 D5A8D3

 6A4369

 F2C4EF

 512C51

 FFE0FF

 391639

 FFFDFF

 240024

 00000C

 000000

 9E749C

 9E749C

 9E649B

 9E849D

 9E549A

 9E949E

 9E459A

 9EA39E

 9E3599

 9EB39F

 9E2598

 9EC3A0

 9E1597

 9ED3A1

 9E0597

 9EE3A1

 9E0096

 9EF2A2

 9EFA3

# Harmonies

## Analogous

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



817CAC



9E749C



AE6F85

# Triad

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



9E749C



947F51



2C8E97

# Complementary

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



9E749C



749E76

# 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.



428F7E



9E749C



7B8756

# Square

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



9E749C



A7775A



5F8C67



388BA9

# Rectangle

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



9E749C



B17075



5F8C67



318F8F



# Sweetspot

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



9E749C



CFBECE



75749E



695E68



E8E8E8



696969



# Same Dimension

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



9E749C



CF8CCB



9E7488



4F474F



8F0088



0F000F



# Inverse Universe

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



9E749C



CF8CCB



749E8A



4F474F



8F0088

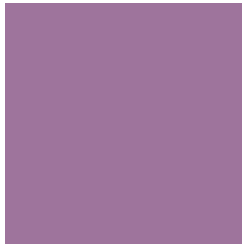


0F000F



# Previews

## White Background



This preview shows how the Hex color 9E749C looks on a white background.

## Color Contrast Check

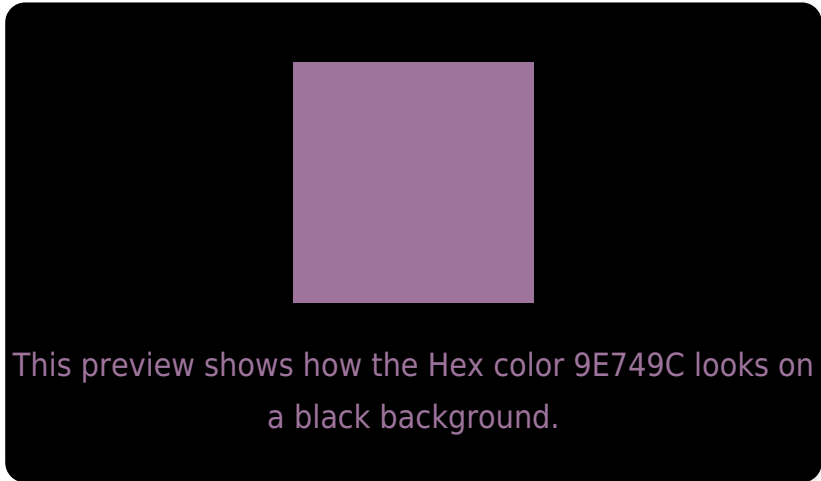
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

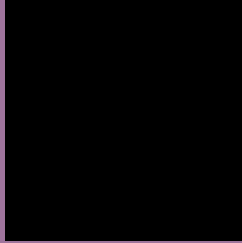
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E749C Background



This preview shows how black text looks on a background with the Hex color 9E749C.

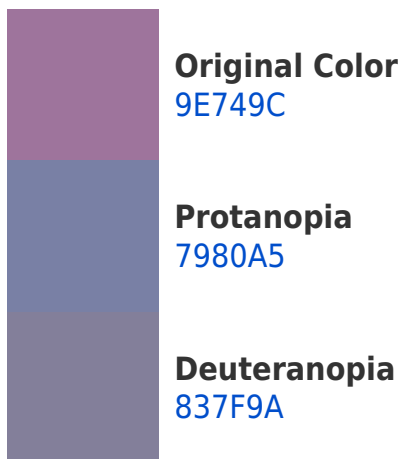


This preview shows how white text looks on a background with the Hex color 9E749C.

# 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**  
9A7982

# Trichromacy



**Original Color**  
9E749C

**Protanomaly**  
867CA2

**Deuteranomaly**  
8D7B9B

**Tritanomaly**  
9B778B

# Monochromacy



**Original Color**  
9E749C

**Achromatopsia**  
858585

**Achromatomaly**  
8E7F8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E749C 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 #9E749C looks like.

```
.text, #text, p{  
    color:#9E749C  
}
```

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 #9E749C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E749C
}
```

## Border

The CSS property to change the border of an element to Hex 9E749C is called "border". The border property can be set on classes, ids or directly on the HTML element.

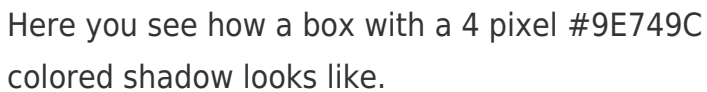
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E749C }
```

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

```
.border{ border-color:#9E749C }
```

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



Here you see how a box with a 4 pixel #9E749C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E749C; -webkit-box-shadow:4px 4px  
4px 4px #9E749C; box-shadow:4px 4px 4px  
4px #9E749C }
```

# Background

The CSS property to change the background color of an element to Hex 9E749C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E749C }
```

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

```
.background{ background-color:#9E749C }
```

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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