

# Converting Colors

Hex(9E649C)

Have a look what the booklet for  
Hex(9E649C) contains.

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**Color**

**Hex(9E649C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E649C
RGB	158, 100, 156
RGB Percent	62%, 39%, 61%
CMY	0.3804, 0.6078, 0.3882
CMYK	0.00, 0.37, 0.01, 0.38
HSL	302°, 23%, 51%
HSV	302°, 37%, 62%
XYZ	24.6585, 18.7837, 33.7785
YIQ	123.7260, 16.5920, 29.7120

# Conversions

## Conversions Part 2

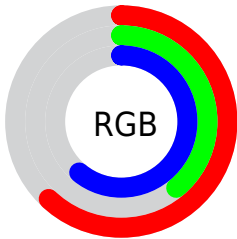
Format	Color
R <sub>Y</sub> B	158, 100, 156
Decimal	10380444
CIE Lab	50.43, 32.54, -20.85
CIE LCh	50, 38.650, 327.352
Yxy	18.7837, 0.3193, 0.2432
Android (android.graphics.Color)	4288570524 (0xFF9E649C)
YUV	123.7260, 15.9111, 30.0583
Hunter-Lab	43.3402, 25.7124, -15.8713

# Details

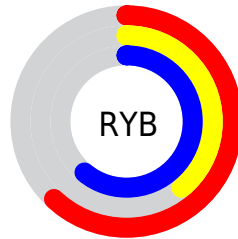
The Hex color **9E649C** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **649E66**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **D698D3**, and **693369** is the 20% darker color. If you saturate the color by 10%, you get **9E549B**, and if you desaturate by 10%, it is **9E749D**.

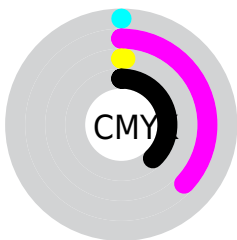
# Distribution



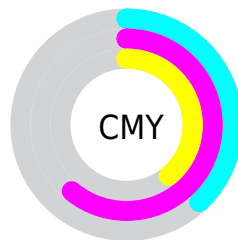
- Red (62%)
- Green (39%)
- Blue (61%)



- Red (62%)
- Yellow (39%)
- Blue (61%)



- Cyan (0%)
- Magenta (37%)
- Yellow (1%)
- Black (38%)



- Cyan (38%)
- Magenta (61%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E649C 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 9E649C by changing the saturation by 10% instead.



 9E649C

 9E649C

FFFFFF

 834B82

 D698D3

 693369

 F2B3EF

 501B50

 FFCFFF

 380239

 FFE8FF

 250024

 00000B

 000000

 9E649C

 9E649C

 9E549B

 9E749D

9E449B

9E849D

9E359A

9E939E

9E259A

9EA39E

9E1599

9EB39F

9E0599

9EC39F

9E0099

9ED3A0

9EE2A0

9EF2A1

# Harmonies

## Analogous

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



7671B3



9E649C



B35D7C

# Triad

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



9E649C



8E7534



008895

# Complementary

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



9E649C



649E66

# 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.



008974



9E649C



6D7F3B

# Square

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



9E649C



A76941



448653



0084AF

# Rectangle

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



9E649C



B65D66



448653



00898B



# Sweetspot

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



9E649C



CFB8CE



66649E



695B68



E8E8E8



696969



# Same Dimension

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



9E649C



CF74CB



9E647F



4F474F



8F008A



0F000F



# Inverse Universe

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



9E649C



CF74CB



649E83



4F474F



8F008A

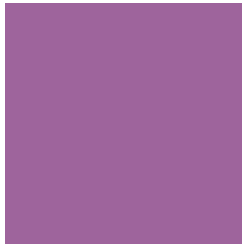


0F000F



# Previews

## White Background



This preview shows how the Hex color 9E649C looks on a white background.

## Color Contrast Check

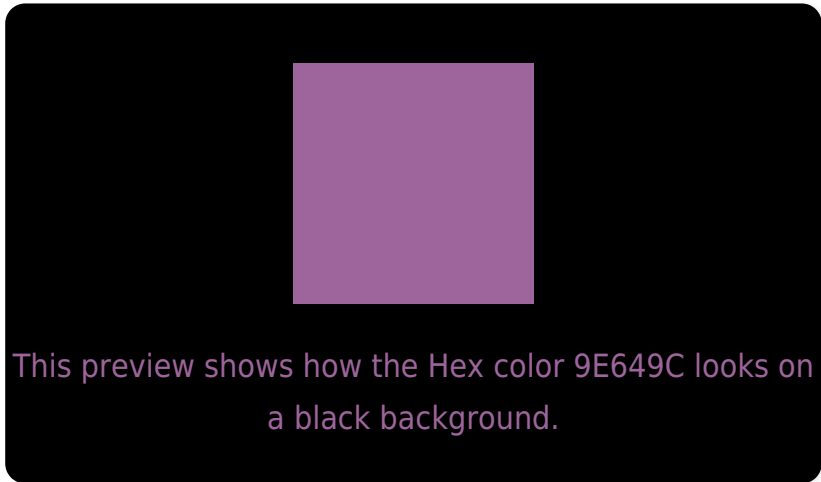
Large Text (above 18pt) WCAG AA ✓ Pass

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

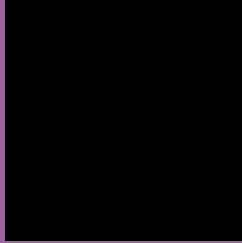
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E649C Background



This preview shows how black text looks on a background with the Hex color 9E649C.

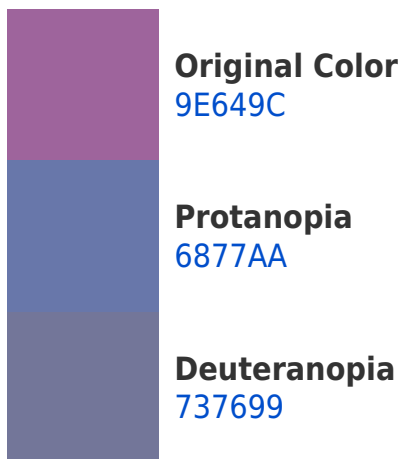



This preview shows how white text looks on a background with the Hex color 9E649C.

# 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**  
996C74

# Trichromacy



**Original Color**  
9E649C



**Protanomaly**  
7C70A5



**Deuteranomaly**  
836F9A



**Tritanomaly**  
9B6983

# Monochromacy



**Original Color**  
9E649C



**Achromatopsia**  
7C7C7C



**Achromatomaly**  
887388

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E649C 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 #9E649C looks like.

```
.text, #text, p{  
    color:#9E649C  
}
```

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 #9E649C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E649C
}
```

## Border

The CSS property to change the border of an element to Hex 9E649C is called "border". The border property can be set on classes, ids or directly on the HTML element.

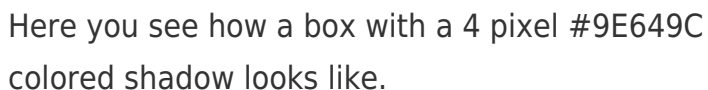
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E649C }
```

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

```
.border{ border-color:#9E649C }
```

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



Here you see how a box with a 4 pixel #9E649C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E649C; -webkit-box-shadow:4px 4px  
4px 4px #9E649C; box-shadow:4px 4px 4px  
4px #9E649C }
```

# Background

The CSS property to change the background color of an element to Hex 9E649C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E649C }
```

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

```
.background{ background-color:#9E649C }
```

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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