

Converting Colors

Hex(9E749A)

Have a look what the booklet for
Hex(9E749A) contains.

Hex(9E749A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9E749A)

Conversions

Conversions Part 1

Format	Color
Hex	9E749A
RGB	158, 116, 154
RGB Percent	62%, 45%, 60%
CMY	0.3804, 0.5451, 0.3961
CMYK	0.00, 0.27, 0.03, 0.38
HSL	306°, 18%, 54%
HSV	306°, 27%, 62%
XYZ	26.1787, 22.0930, 33.4565
YIQ	132.8900, 12.8340, 20.7220

Conversions

Conversions Part 2

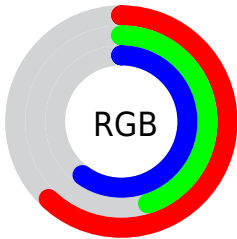
Format	Color
R_{YB}	158, 116, 154
Decimal	10384538
CIE _{Lab}	54.13, 23.05, -14.05
CIE _{LCh}	54, 26.998, 328.631
Yxy	22.0930, 0.3203, 0.2703
Android (android.graphics.Color)	4288574618 (0xFF9E749A)
YUV	132.8900, 10.4072, 22.0215
Hunter-Lab	47.0032, 17.1610, -9.2999

Details

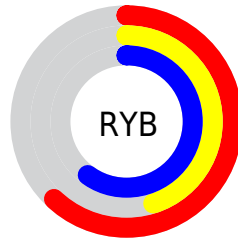
The Hex color **9E749A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **749E78**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **D5A8D0**, and **6A4367** is the 20% darker color. If you saturate the color by 10%, you get **9E6498**, and if you desaturate by 10%, it is **9E849C**.

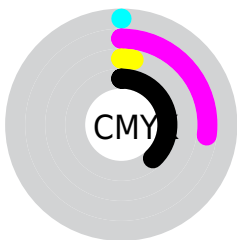
Distribution



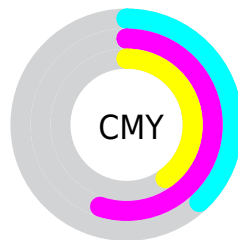
- Red (62%)
- Green (45%)
- Blue (60%)



- Red (62%)
- Yellow (45%)
- Blue (60%)



- Cyan (0%)
- Magenta (27%)
- Yellow (3%)
- Black (38%)



- Cyan (38%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E749A 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 9E749A by changing the saturation by 10% instead.



9E749A



9E749A

FFFFFF



845B80



D5A8D0



6A4367



F2C4ED



512C4F



FFE0FF



3A1638



FFFDFF



240022



00000A



000000



9E749A



9E749A



9E6498



9E849C

 9E5497

 9E949D

 9E4595

 9EA39F

 9E3594

 9EB3A0

 9E2592

 9EC3A2

 9E1591

 9ED3A3

 9E058F

 9EE3A5

 9E008F

 9EF2A6

 9EFAA8

Harmonies

Analogous

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



837CAA



9E749A



AD7083

Triad

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



9E749A



928053



318E97

Complementary

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



9E749A



749E78

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.



438E7F



9E749A



7A8758

Square

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



9E749A



A5785A



5F8C68



3E8AA9

Rectangle

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



9E749A



B07074



5F8C68



348E8F

Sweetspot

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



9E749A



CFBECD



78749E



695E68



E8E8E8



696969

Same Dimension

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



9E749A



CF8CC8



9E7485



4F474E



8F0081



0F000E

Inverse Universe

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



9E749A



CF8CC8



749E8D



4F474E



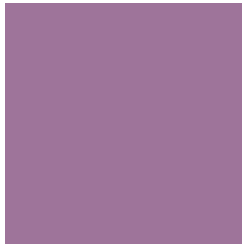
8F0081



0F000E

Previews

White Background



This preview shows how the Hex color 9E749A looks on a white background.

Color Contrast Check

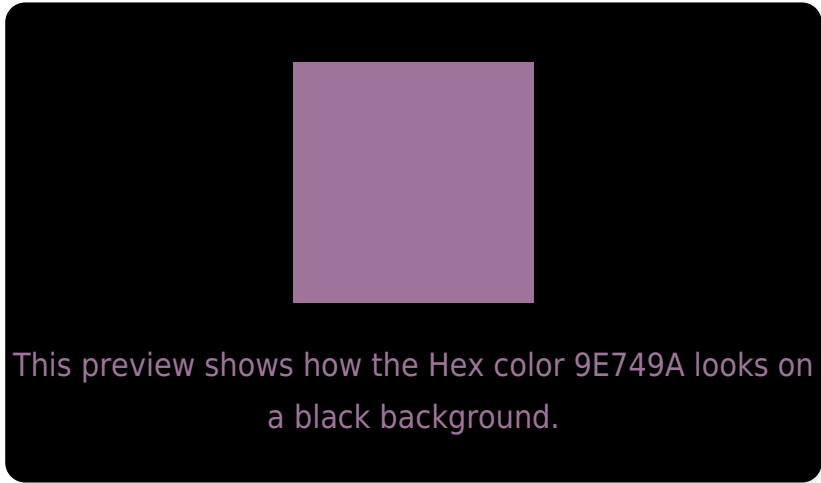
Large Text (above 18pt) WCAG AA ✓ Pass

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

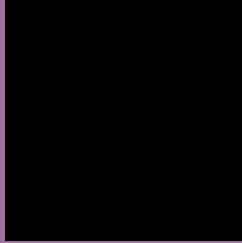
Any Text WCAG AA ✓ Pass

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 9E749A Background



This preview shows how black text looks on a background with the Hex color 9E749A.



This preview shows how white text looks on a background with the Hex color 9E749A.

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
9E749A

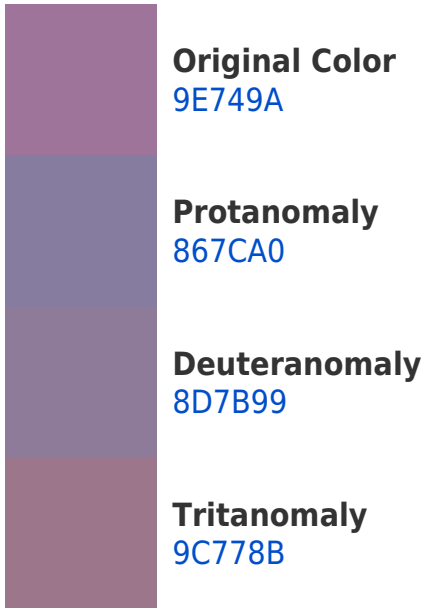
Protanopia
7980A3

Deuteranopia
837F98



Tritanopia
9B7882

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E749A 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 #9E749A looks like.

```
.text, #text, p{  
    color:#9E749A  
}
```

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 #9E749A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E749A
}
```

Border

The CSS property to change the border of an element to Hex 9E749A is called "border". The border property can be set on classes, ids or directly on the HTML element.

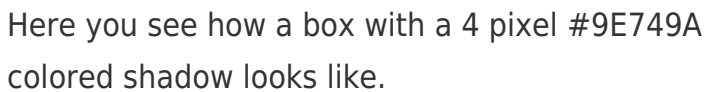
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E749A }
```

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

```
.border{ border-color:#9E749A }
```

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



Here you see how a box with a 4 pixel #9E749A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E749A; -webkit-box-shadow:4px 4px  
4px 4px #9E749A; box-shadow:4px 4px 4px  
4px #9E749A }
```

Background

The CSS property to change the background color of an element to Hex 9E749A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E749A }
```

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

```
.background{ background-color:#9E749A }
```

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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