

# Converting Colors

Hex(9E5A98)

Have a look what the booklet for  
Hex(9E5A98) contains.

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**Color**

**Hex(9E5A98)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E5A98
RGB	158, 90, 152
RGB Percent	62%, 35%, 60%
CMY	0.3804, 0.6471, 0.4039
CMYK	0.00, 0.43, 0.04, 0.38
HSL	305°, 27%, 49%
HSV	305°, 43%, 62%
XYZ	23.4242, 16.8484, 31.7232
YIQ	117.4000, 20.6260, 33.6980

# Conversions

## Conversions Part 2

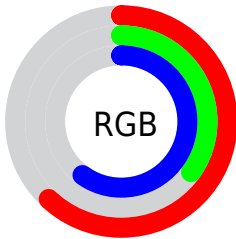
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 90, 152
Decimal	10377880
CIE <sub>Lab</sub>	48.07, 37.32, -22.12
CIE <sub>LCh</sub>	48, 43.389, 329.342
Yxy	16.8484, 0.3254, 0.2340
Android (android.graphics.Color)	4288567960 (0xFF9E5A98)
YUV	117.4000, 17.0578, 35.6062
Hunter-Lab	41.0468, 30.0327, -17.0898

# Details

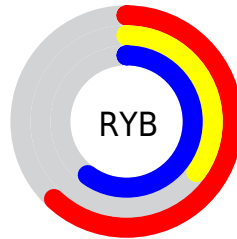
The Hex color **9E5A98** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5A9E60**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **D68ECE**, and **692865** is the 20% darker color. If you saturate the color by 10%, you get **9E4A97**, and if you desaturate by 10%, it is **9E6A99**.

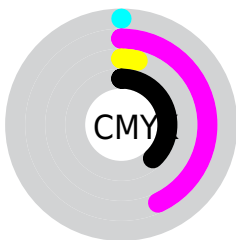
# Distribution



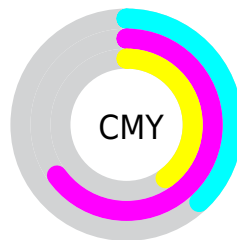
- Red (62%)
- Green (35%)
- Blue (60%)



- Red (62%)
- Yellow (35%)
- Blue (60%)



- Cyan (0%)
- Magenta (43%)
- Yellow (4%)
- Black (38%)



- Cyan (38%)
- Magenta (65%)
- Yellow (40%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E5A98 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 9E5A98 by changing the saturation by 10% instead.



 9E5A98

 9E5A98

FFFFFF

 83417E

 D68ECE

 692865

 F3A9EB

 4F0E4D

 FFC5FF

 370036

 FFE1FF

 220020

FFFEFF

 000004

 000000

 9E5A98

 9E5A98

 9E4A97

 9E6A99

 9E3A95

 9E7A9B

 9E2B94

 9E899C

 9E1B92

 9E999E

 9E0B91

 9EA99F

 9E0090

 9EB9A0

 9EC9A2

 9ED8A3

 9EE8A5

# Harmonies

## Analogous

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



7269B2



9E5A98



B35274

# Triad

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



9E5A98



877024



008495

# Complementary

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



9E5A98



5A9E60

# 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.



008470



9E5A98



627A2E

# Square

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



9E5A98



A36233



30814B



007FB1

# Rectangle

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



9E5A98



B6535C



30814B



008489



# Sweetspot

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



9E5A98



CFB4CC



605A9E



695867



E8E8E8



696969



# Same Dimension

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



9E5A98



CF63C5



9E5A76



4F474E



8F0082



0F000E



# Inverse Universe

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



9E5A98



CF63C5



5A9E82



4F474E



8F0082

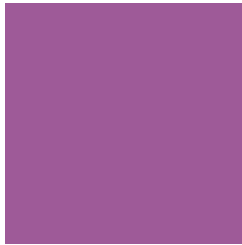


0F000E



# Previews

## White Background



This preview shows how the Hex color 9E5A98 looks on a white background.

## Color Contrast Check

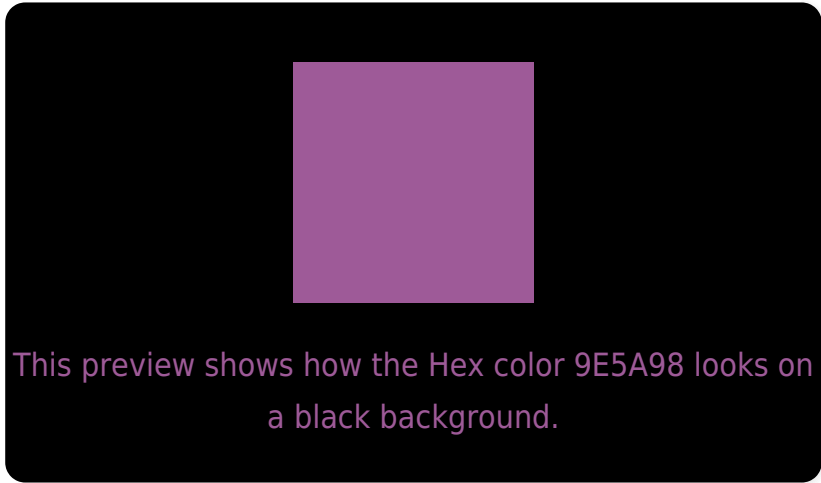
Large Text (above 18pt) WCAG AA ✓ Pass

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

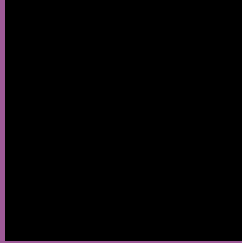
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9E5A98 Background



This preview shows how black text looks on a background with the Hex color 9E5A98.

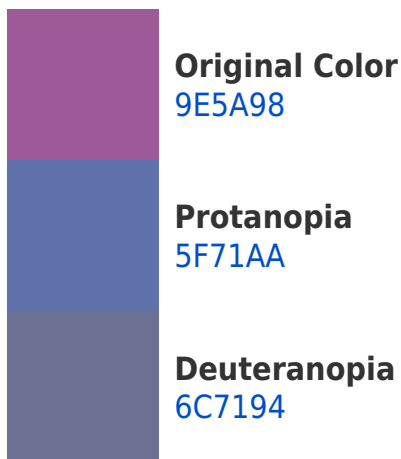


This preview shows how white text looks on a background with the Hex color 9E5A98.

# 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](#).

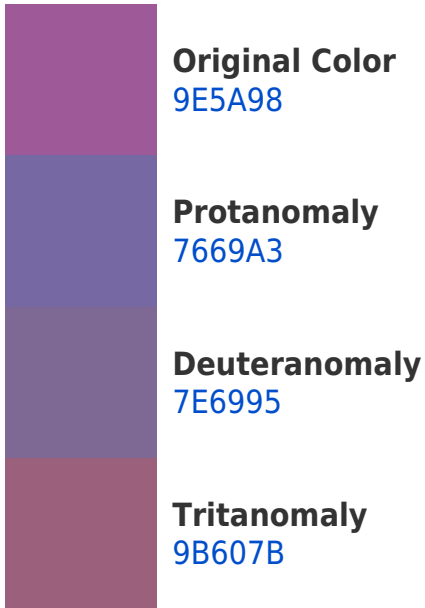
## Dichromacy



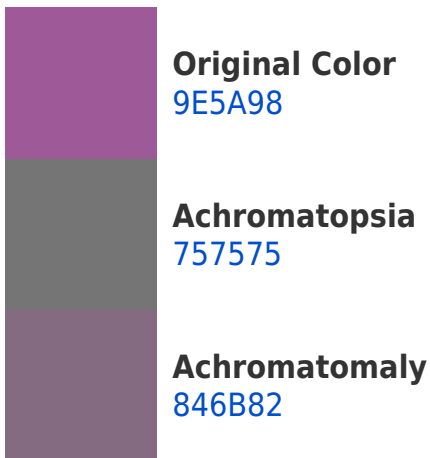


**Tritanopia**  
99646B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E5A98 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 #9E5A98 looks like.

```
.text, #text, p{  
    color:#9E5A98  
}
```

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 #9E5A98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E5A98
}
```

## Border

The CSS property to change the border of an element to Hex 9E5A98 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
#9E5A98 }
```

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

```
.border{ border-color:#9E5A98 }
```

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

Here you see how a box with a 4 pixel #9E5A98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E5A98; -webkit-box-shadow:4px 4px  
4px 4px #9E5A98; box-shadow:4px 4px 4px  
4px #9E5A98 }
```

# Background

The CSS property to change the background color of an element to Hex 9E5A98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E5A98 }
```

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

```
.background{ background-color:#9E5A98 }
```

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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