

# Converting Colors

Hex(9B6F9D)

Have a look what the booklet for  
Hex(9B6F9D) contains.

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# Color

**Hex(9B6F9D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B6F9D
RGB	155, 111, 157
RGB Percent	61%, 44%, 62%
CMY	0.3922, 0.5647, 0.3843
CMYK	0.01, 0.29, 0.00, 0.38
HSL	297°, 19%, 53%
HSV	297°, 29%, 62%
XYZ	25.2878, 20.7718, 34.5748
YIQ	129.4000, 11.4580, 23.6340

# Conversions

## Conversions Part 2

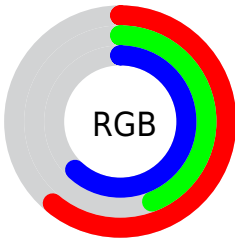
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 111, 157
Decimal	10186653
CIE <sub>Lab</sub>	52.70, 25.47, -18.00
CIE <sub>LCh</sub>	53, 31.188, 324.748
Yxy	20.7718, 0.3136, 0.2576
Android (android.graphics.Color)	4288376733 (0xFF9B6F9D)
YUV	129.4000, 13.6068, 22.4512
Hunter-Lab	45.5760, 19.2824, -13.0752

# Details

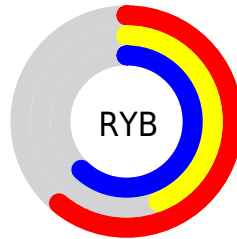
The Hex color **9B6F9D** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **719D6F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **D2A3D4**, and **673E6A** is the 20% darker color. If you saturate the color by 10%, you get **9A5F9D**, and if you desaturate by 10%, it is **9C7F9D**.

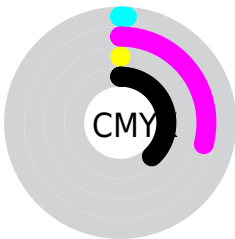
# Distribution



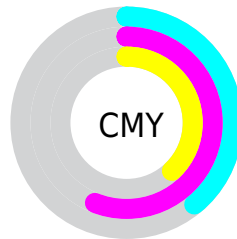
- Red (61%)
- Green (44%)
- Blue (62%)



- Red (61%)
- Yellow (44%)
- Blue (62%)



- Cyan (1%)
- Magenta (29%)
- Yellow (0%)
- Black (38%)



- Cyan (39%)
- Magenta (56%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B6F9D 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 9B6F9D by changing the saturation by 10% instead.





9B6F9D



9B6F9D

FFFFFF



815683



D2A3D4



673E6A



EFBEF0



4E2751



FFDAFF



37113A



FFF7FF



220025



00010D



000000



9B6F9D



9B6F9D



9A5F9D



9C7F9D

 9A509D

 9C8E9D

 99409D

 9D9E9D

 98309D

 9EAE9D

 98209D

 9EBE9D

 97119D

 9FCD9D

 96019D

 A0DD9D

 96009D

 A0ED9D

 A1FC9D

# Harmonies

## Analogous

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



7A79AE



9B6F9D



AE6984

# Triad

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



9B6F9D



937B48



008C93

# Complementary

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



9B6F9D



719D6F

# 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.



348C78



9B6F9D



79834C

# Square

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



9B6F9D



A87153



59895E



1788A9

# Rectangle

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



9B6F9D



B26971



59895E



148C8A



# Sweetspot

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



9B6F9D



CBBACC



6F719D



665B66



E6E6E6



666666



# Same Dimension

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



9B6F9D



C985CC



9D6F88



4F474F



89008F



0F000F



# Inverse Universe

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



9D6F71



CC8588



6F9D84



4F4747



8F0006

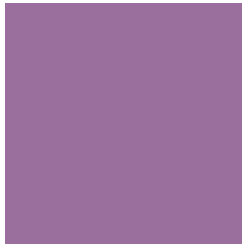


0F0001



# Previews

## White Background



This preview shows how the Hex color 9B6F9D 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 9B6F9D Background



This preview shows how black text looks on a background with the Hex color 9B6F9D.

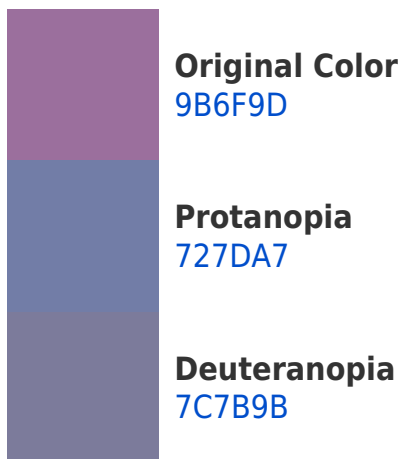


This preview shows how white text looks on a background with the Hex color 9B6F9D.

# 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](#).

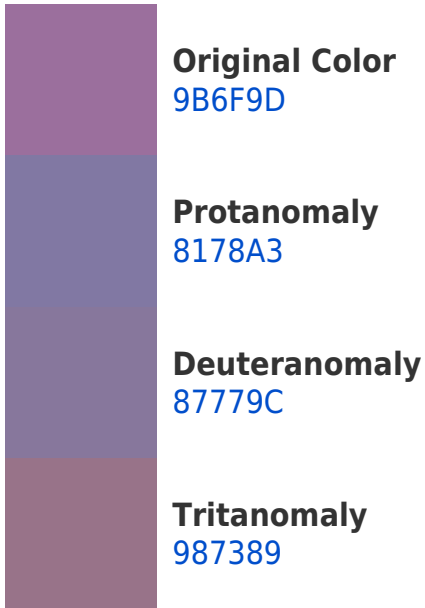
## Dichromacy



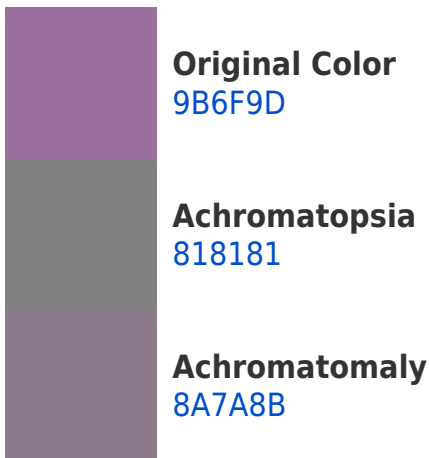


**Tritanopia**  
97757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B6F9D 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 #9B6F9D looks like.

```
.text, #text, p{  
    color:#9B6F9D  
}
```

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 #9B6F9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B6F9D
}
```

## Border

The CSS property to change the border of an element to Hex 9B6F9D is called "border". The border property can be set on classes, ids or directly on the HTML element.

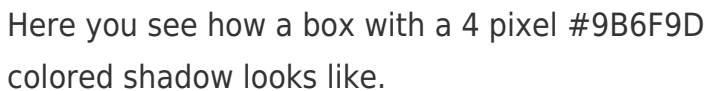
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B6F9D }
```

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

```
.border{ border-color:#9B6F9D }
```

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



Here you see how a box with a 4 pixel #9B6F9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B6F9D; -webkit-box-shadow:4px 4px  
4px 4px #9B6F9D; box-shadow:4px 4px 4px  
4px #9B6F9D }
```

# Background

The CSS property to change the background color of an element to Hex 9B6F9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B6F9D }
```

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

```
.background{ background-color:#9B6F9D }
```

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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