

# Converting Colors

Hex(9B5CBF)

Have a look what the booklet for  
Hex(9B5CBF) contains.

|  |    |
|--|----|
| <b>Hex(9B5CBF)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Hex(9B5CBF)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 9B5CBF                    |
| RGB           | 155, 92, 191              |
| RGB Percent   | 61%, 36%, 75%             |
| CMY           | 0.3922, 0.6392, 0.2510    |
| CMYK          | 0.19, 0.52, 0.00, 0.25    |
| HSL           | 278°, 44%, 55%            |
| HSV           | 278°, 52%, 75%            |
| XYZ           | 26.7487, 18.3844, 51.4290 |
| YIQ           | 122.1230, 5.7690, 44.1450 |

# Conversions

## Conversions Part 2

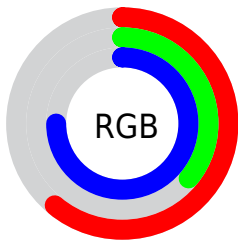
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 155, 92, 191                  |
| Decimal                             | 10181823                      |
| CIE <sub>Lab</sub>                  | 49.96, 43.35, -42.03          |
| CIE <sub>LCh</sub>                  | 50, 60.386, 315.886           |
| Yxy                                 | 18.3844, 0.2770,<br>0.1904    |
| Android<br>(android.graphics.Color) | 4288371903<br>(0xFF9B5CBF)    |
| YUV                                 | 122.1230, 33.9564,<br>28.8331 |
| Hunter-Lab                          | 42.8771, 36.3216,<br>-41.1015 |

# Details

The Hex color **9B5CBF** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **80BF5C**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **D390F8**, and **652A89** is the 20% darker color. If you saturate the color by 10%, you get **9449BF**, and if you desaturate by 10%, it is **A26FBF**.

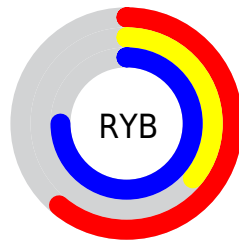
# Distribution



Red (61%)

Green (36%)

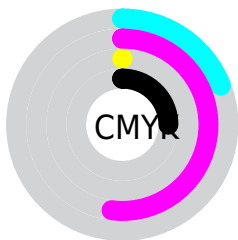
Blue (75%)



Red (61%)

Yellow (36%)

Blue (75%)

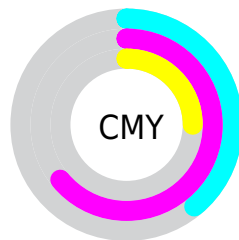


Cyan (19%)

Magenta (52%)

Yellow (0%)

Black (25%)



Cyan (39%)

Magenta (64%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B5CBF 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 9B5CBF by changing the saturation by 10% instead.



9B5CBF

9B5CBF

FFFFFF

8043A4

D390F8

652A89

F0ABFF

4B0F6F

FFC7FF

310056

FFE4FF

1C003F

000327

000111

000000

9B5CBF

9B5CBF

9449BF

A26FBF

8D36BF

A982BF

8623BF

B095BF

7F10BF

B7A8BF

7A00BF

BEBBBF

C5CFBF

CCE2BF

D3F5BF

DAFFBF

# Harmonies

## Analogous

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



3B73DA



9B5CBF



C64591

# Triad

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



9B5CBF



A36C00



008E92

# Complementary

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



9B5CBF



80BF5C

# 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.



008D5C



9B5CBF



757D00

# Square

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



9B5CBF



C4552E



368728



008CC0

# Rectangle

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



9B5CBF



D1406F



368728



008E80



# Sweetspot

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



9B5CBF



E9D0F7



5C80BF



74657D



FCFCFC



7D7D7D



# Same Dimension

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



9B5CBF



C05EF7



BF5CB2



5B555E



65009E



13001F



# Inverse Universe

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



BF5C80



F75E96



5CBF69



5E5558



9E0039

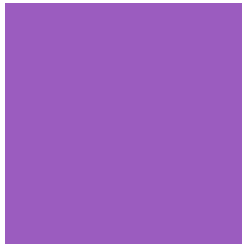


1F000B



# Previews

## White Background



This preview shows how the Hex color 9B5CBF looks on a white background.

## Color Contrast Check

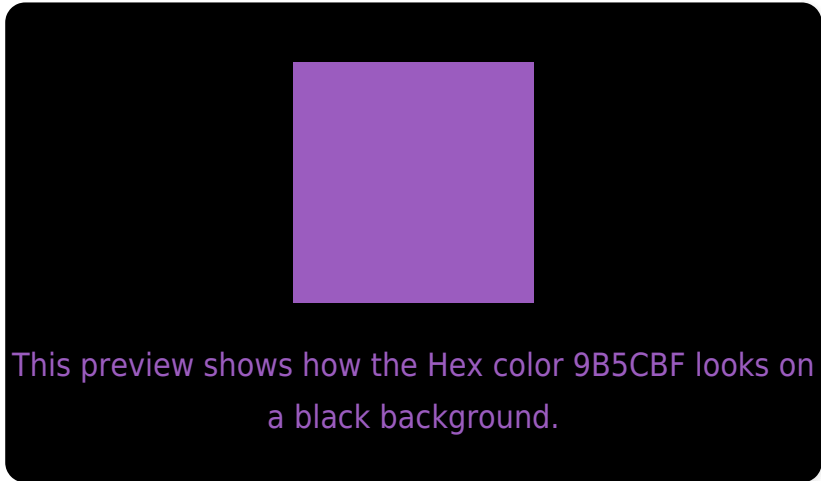
Large Text (above 18pt) WCAG AA ✓ Pass

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

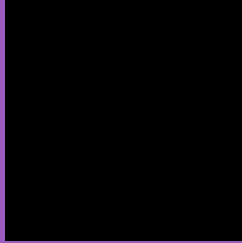
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9B5CBF Background



This preview shows how black text looks on a background with the Hex color 9B5CBF.

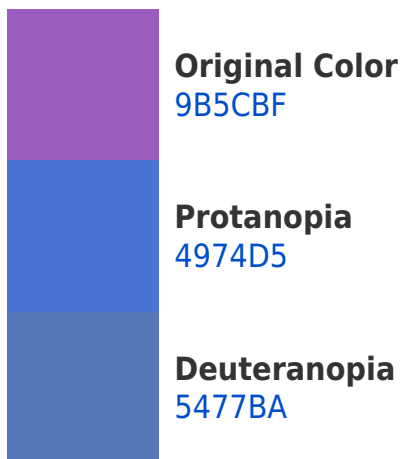


This preview shows how white text looks on a background with the Hex color 9B5CBF.

# 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



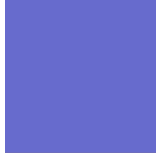


**Tritanopia**  
906E76

# Trichromacy



**Original Color**  
9B5CBF



**Protanomaly**  
676BCD



**Deuteranomaly**  
6E6DBC



**Tritanomaly**  
946791

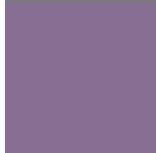
# Monochromacy



**Original Color**  
9B5CBF



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
866F93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B5CBF 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 #9B5CBF looks like.

```
.text, #text, p{  
    color:#9B5CBF  
}
```

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 #9B5CBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B5CBF
}
```

## Border

The CSS property to change the border of an element to Hex 9B5CBF 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
#9B5CBF }
```

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

```
.border{ border-color:#9B5CBF }
```

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

Here you see how a box with a 4 pixel #9B5CBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B5CBF; -webkit-box-shadow:4px 4px  
4px 4px #9B5CBF; box-shadow:4px 4px 4px  
4px #9B5CBF }
```

# Background

The CSS property to change the background color of an element to Hex 9B5CBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B5CBF }
```

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

```
.background{ background-color:#9B5CBF }
```

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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