

# Converting Colors

Hex(9B6BC7)

Have a look what the booklet for  
Hex(9B6BC7) contains.

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**Color**

**Hex(9B6BC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B6BC7
RGB	155, 107, 199
RGB Percent	61%, 42%, 78%
CMY	0.3922, 0.5804, 0.2196
CMYK	0.22, 0.46, 0.00, 0.22
HSL	271°, 45%, 60%
HSV	271°, 46%, 78%
XYZ	29.0841, 21.6075, 56.6706
YIQ	131.8400, -0.9240, 38.7880

# Conversions

## Conversions Part 2

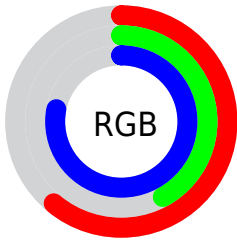
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">155, 107, 199</a>
Decimal	<a href="#">10185671</a>
CIELab	<a href="#">53.61, 36.90, -40.86</a>
CIELCh	<a href="#">54, 55.057, 312.080</a>
Yxy	<a href="#">21.6075, 0.2709, 0.2013</a>
Android (android.graphics.Color)	<a href="#">4288375751 (0xFF9B6BC7)</a>
YUV	<a href="#">131.8400, 33.1099, 20.3113</a>
Hunter-Lab	<a href="#">46.4838, 30.3374, -39.7445</a>

# Details

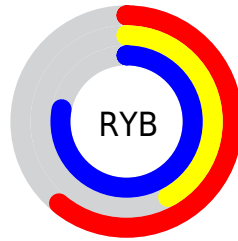
The Hex color **9B6BC7** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **97C76B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **D39FFF**, and **653A91** is the 20% darker color. If you saturate the color by 10%, you get **9157C7**, and if you desaturate by 10%, it is **A57FC7**.

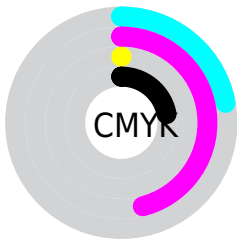
# Distribution



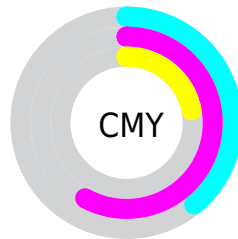
- Red (61%)
- Green (42%)
- Blue (78%)



- Red (61%)
- Yellow (42%)
- Blue (78%)



- Cyan (22%)
- Magenta (46%)
- Yellow (0%)
- Black (22%)



- Cyan (39%)
- Magenta (58%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B6BC7 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 9B6BC7 by changing the saturation by 10% instead.



9B6BC7

9B6BC7

FFFFFF

8052AB

D39FFF

653A91

F0BBFF

4B2276

FFD7FF

32095D

FFF3FF

190045

00002E

000118

000000

9B6BC7

9B6BC7

9157C7

A57FC7

8843C7

AE93C7

7E2FC7

B8A7C7

751BC7

C1BBC7

6B08C7

CBCFC7

6800C7

D4E2C7

DEF6C7

E7FFC7

F1FFC7

# Harmonies

## Analogous

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



437FDD



9B6BC7



C7589E

# Triad

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



9B6BC7



B0731F



009793

# Complementary

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



9B6BC7



97C76B

# 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.



009561



9B6BC7



868416

# Square

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



9B6BC7



CC6043



518F35



0095BF

# Rectangle

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



9B6BC7



D4527F



518F35



009682



# Sweetspot

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



9B6BC7



EEDBFF



6B97C7



756A80



000000



808080



# Same Dimension

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



9B6BC7



BC73FF



C76BC5



5F5A63



5500A3



130024



# Inverse Universe

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



C76B97



FF73B6



6BC76D



635A5E



A3004E

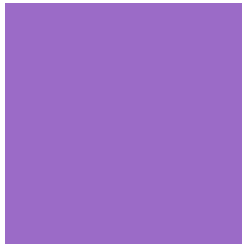


240011



# Previews

## White Background



This preview shows how the Hex color 9B6BC7 looks on a white background.

## Color Contrast Check

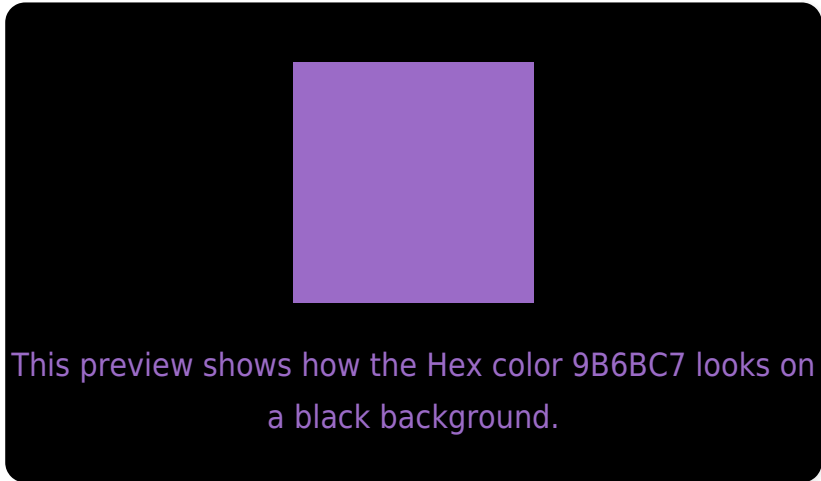
Large Text (above 18pt) WCAG AA ✓ Pass

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

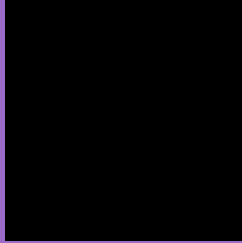
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9B6BC7 Background



This preview shows how black text looks on a background with the Hex color 9B6BC7.

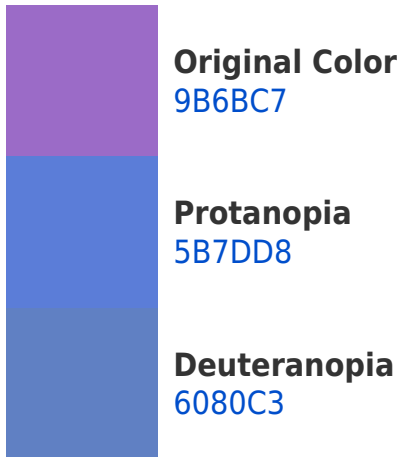


This preview shows how white text looks on a background with the Hex color 9B6BC7.

# 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



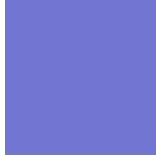


**Tritanopia**  
907A84

# Trichromacy



**Original Color**  
9B6BC7



**Protanomaly**  
7276D2



**Deuteranomaly**  
7578C4



**Tritanomaly**  
94759C

# Monochromacy



**Original Color**  
9B6BC7



**Achromatopsia**  
848484



**Achromatomaly**  
8C7B9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B6BC7 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 #9B6BC7 looks like.

```
.text, #text, p{  
    color:#9B6BC7  
}
```

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 #9B6BC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B6BC7
}
```

## Border

The CSS property to change the border of an element to Hex 9B6BC7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

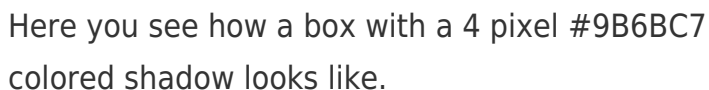
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B6BC7 }
```

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

```
.border{ border-color:#9B6BC7 }
```

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



Here you see how a box with a 4 pixel #9B6BC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B6BC7; -webkit-box-shadow:4px 4px  
4px 4px #9B6BC7; box-shadow:4px 4px 4px  
4px #9B6BC7 }
```

# Background

The CSS property to change the background color of an element to Hex 9B6BC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B6BC7 }
```

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

```
.background{ background-color:#9B6BC7 }
```

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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