

# Converting Colors

Hex(9B4EC8)

Have a look what the booklet for  
Hex(9B4EC8) contains.

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# Color

**Hex(9B4EC8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B4EC8
RGB	155, 78, 200
RGB Percent	61%, 31%, 78%
CMY	0.3922, 0.6941, 0.2157
CMYK	0.23, 0.61, 0.00, 0.22
HSL	278°, 53%, 55%
HSV	278°, 61%, 78%
XYZ	26.6673, 16.5875, 56.4398
YIQ	114.9310, 6.7300, 54.2660

# Conversions

## Conversions Part 2

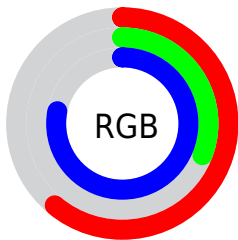
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 78, 200
Decimal	10178248
CIE <sub>Lab</sub>	47.74, 52.60, -50.77
CIE <sub>LCh</sub>	48, 73.108, 316.017
Yxy	16.5875, 0.2675, 0.1664
Android (android.graphics.Color)	4288368328 (0xFF9B4EC8)
YUV	114.9310, 41.9390, 35.1405
Hunter-Lab	40.7277, 45.6029, -53.6536

# Details

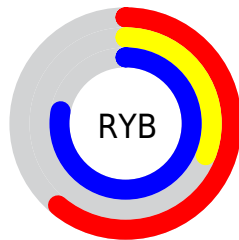
The Hex color **9B4EC8** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **7BC84E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **D483FF**, and **641791** is the 20% darker color. If you saturate the color by 10%, you get **943AC8**, and if you desaturate by 10%, it is **A262C8**.

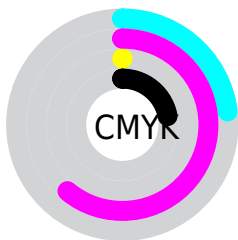
# Distribution



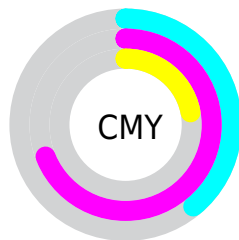
- Red (61%)
- Green (31%)
- Blue (78%)



- Red (61%)
- Yellow (31%)
- Blue (78%)



- Cyan (23%)
- Magenta (61%)
- Yellow (0%)
- Black (22%)



- Cyan (39%)
- Magenta (69%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B4EC8 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 9B4EC8 by changing the saturation by 10% instead.



9B4EC8

9B4EC8

FFFFFF

7F34AC

D483FF

641791

F29EFF

490077

FFBAFF

2D005E

FFD6FF

130045

FFF3FF

00032E

000118

000000

9B4EC8

9B4EC8

 943AC8

 A262C8

 8C26C8

 AA76C8

 8512C8

 B18AC8

 7E00C8

 B99EC8

 C0B2C8

 C7C6C8

 CFDAC8

 D6EEC8

 DDFFC8

# Harmonies

## Analogous

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



006EE9



9B4EC8



CF2591

# Triad

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



9B4EC8



A16400



008C92

# Complementary

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



9B4EC8



7BC84E

# 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.



008A51



9B4EC8



6B7900

# Square

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



9B4EC8



C94416



038402



008ACA

# Rectangle

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



9B4EC8



DB1668



038402



008B7D



# Sweetspot

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



9B4EC8



EED1FF



4E7DC8



756380



000000



808080



# Same Dimension

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



9B4EC8



BA45FF



C84EBA



605A63



6700A3



170024



# Inverse Universe

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



C84E7B



FF458A



4EC85C



635A5D



A3003C

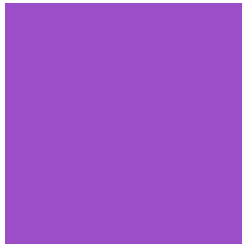


24000D



# Previews

## White Background



This preview shows how the Hex color 9B4EC8 looks on a white background.

## Color Contrast Check

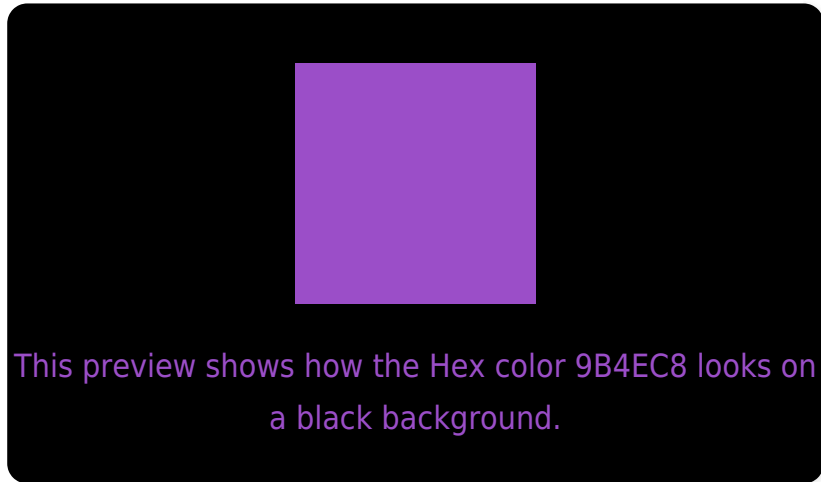
Large Text (above 18pt) WCAG AA ✓ Pass

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

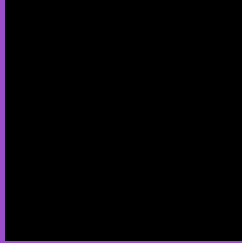
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9B4EC8 Background



This preview shows how black text looks on a background with the Hex color 9B4EC8.

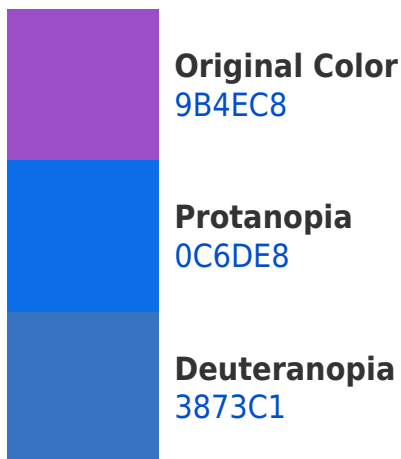



This preview shows how white text looks on a background with the Hex color 9B4EC8.

# 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**  
8D676F

# Trichromacy



**Original Color**  
9B4EC8



**Protanomaly**  
4062DC



**Deuteranomaly**  
5C66C4



**Tritanomaly**  
925E8F

# Monochromacy



**Original Color**  
9B4EC8



**Achromatopsia**  
737373



**Achromatomaly**  
826692

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B4EC8 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 #9B4EC8 looks like.

```
.text, #text, p{  
    color:#9B4EC8  
}
```

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 #9B4EC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B4EC8
}
```

## Border

The CSS property to change the border of an element to Hex 9B4EC8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

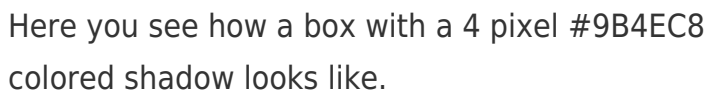
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B4EC8 }
```

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

```
.border{ border-color:#9B4EC8 }
```

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



Here you see how a box with a 4 pixel #9B4EC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B4EC8; -webkit-box-shadow:4px 4px  
4px 4px #9B4EC8; box-shadow:4px 4px 4px  
4px #9B4EC8 }
```

# Background

The CSS property to change the background color of an element to Hex 9B4EC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B4EC8 }
```

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

```
.background{ background-color:#9B4EC8 }
```

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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