

# Converting Colors

Hex(9B61BE)

Have a look what the booklet for  
Hex(9B61BE) contains.

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# Color

**Hex(9B61BE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B61BE
RGB	155, 97, 190
RGB Percent	61%, 38%, 75%
CMY	0.3922, 0.6196, 0.2549
CMYK	0.18, 0.49, 0.00, 0.25
HSL	277°, 42%, 56%
HSV	277°, 49%, 75%
XYZ	27.0865, 19.2357, 51.0004
YIQ	124.9440, 4.7150, 41.2190

# Conversions

## Conversions Part 2

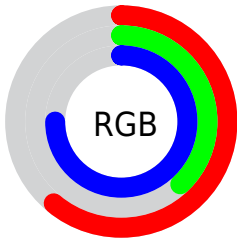
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 97, 190
Decimal	10183102
CIE <sub>Lab</sub>	50.96, 40.41, -39.87
CIE <sub>LCh</sub>	51, 56.766, 315.382
Yxy	19.2357, 0.2783, 0.1976
Android (android.graphics.Color)	4288373182 (0xFF9B61BE)
YUV	124.9440, 32.0726, 26.3591
Hunter-Lab	43.8585, 33.4874, -38.2439

# Details

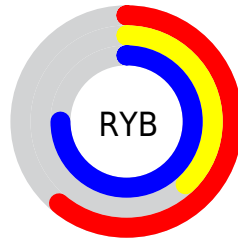
The Hex color **9B61BE** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **84BE61**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **D395F7**, and **652F88** is the 20% darker color. If you saturate the color by 10%, you get **944EBE**, and if you desaturate by 10%, it is **A274BE**.

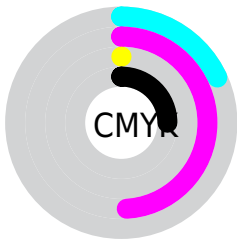
# Distribution



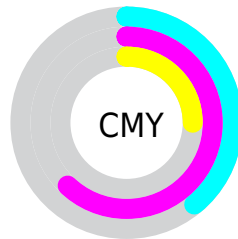
- Red (61%)
- Green (38%)
- Blue (75%)



- Red (61%)
- Yellow (38%)
- Blue (75%)



- Cyan (18%)
- Magenta (49%)
- Yellow (0%)
- Black (25%)



- Cyan (39%)
- Magenta (62%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B61BE 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 9B61BE by changing the saturation by 10% instead.



■ 9B61BE

■ 9B61BE

FFFFFF

■ 8048A3

■ D395F7

■ 652F88

■ F0B0FF

■ 4B166E

■ FFCCFF

■ 320055

■ FFE9FF

■ 1D003E

■ 000127

■ 000110

■ 000000

■ 9B61BE

■ 9B61BE

944EBE

A274BE

8D3BBE

A987BE

8628BE

B09ABE

7E15BE

B8ADBE

7702BE

BFC0BE

7600BE

C6D3BE

CDE6BE

D4F9BE

DBFFBE

# Harmonies

## Analogous

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



4576D7



9B61BE



C54D93

# Triad

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



9B61BE



A56E0E



009092

# Complementary

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



9B61BE



84BE61

# 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.



008F5F



9B61BE



7A7F05

# Square

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



9B61BE



C45A36



408930



008EBE

# Rectangle

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



9B61BE



CF4873



408930



009081



# Sweetspot

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



9B61BE



E9D2F7



6185BE



74667D



FCFCFC



7D7D7D



# Same Dimension

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



9B61BE



C065F7



BE61B3



5B555E



63009E



13001F



# Inverse Universe

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



BE6184



F7659C



61BE6C



5E5558



9E003C

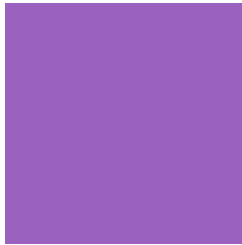


1F000C



# Previews

## White Background



This preview shows how the Hex color 9B61BE looks on a white background.

## Color Contrast Check

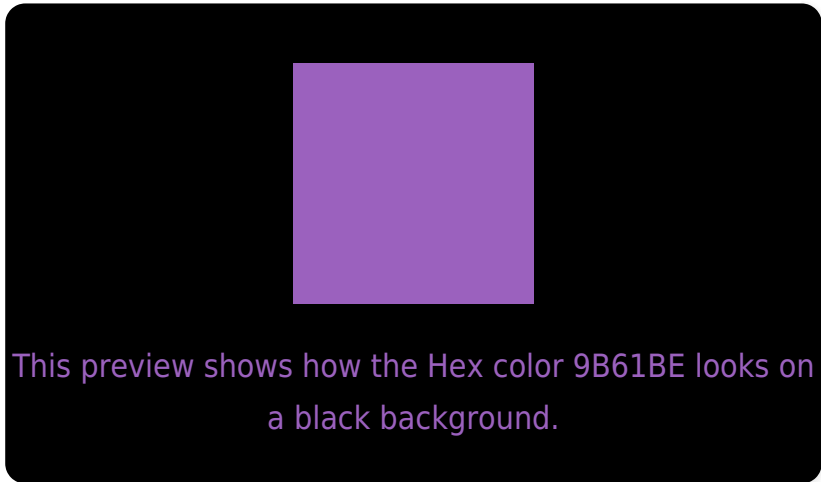
Large Text (above 18pt) WCAG AA ✓ Pass

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

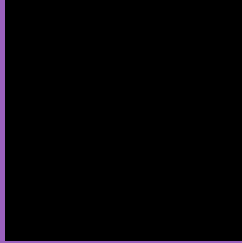
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9B61BE Background



This preview shows how black text looks on a background with the Hex color 9B61BE.

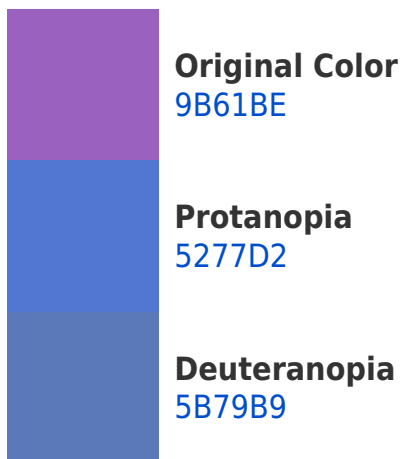


This preview shows how white text looks on a background with the Hex color 9B61BE.

# 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](#).

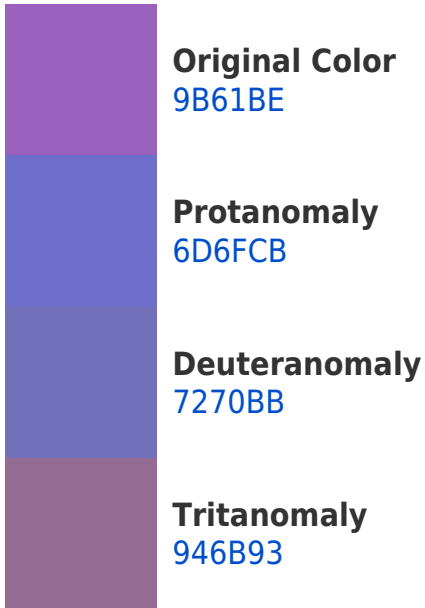
## Dichromacy



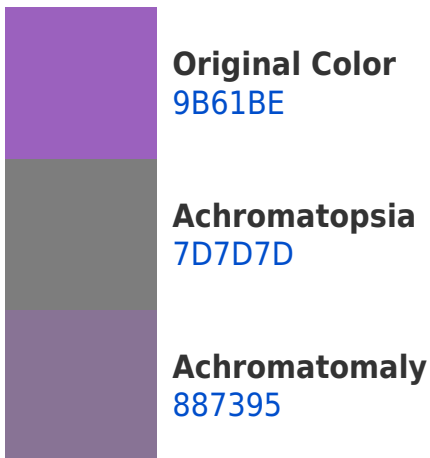


**Tritanopia**  
90717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B61BE 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 #9B61BE looks like.

```
.text, #text, p{  
    color:#9B61BE  
}
```

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 #9B61BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B61BE
}
```

## Border

The CSS property to change the border of an element to Hex 9B61BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

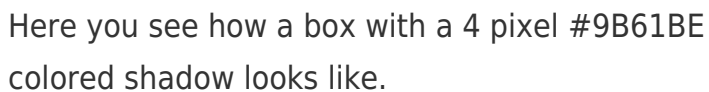
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B61BE }
```

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

```
.border{ border-color:#9B61BE }
```

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



Here you see how a box with a 4 pixel #9B61BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B61BE; -webkit-box-shadow:4px 4px  
4px 4px #9B61BE; box-shadow:4px 4px 4px  
4px #9B61BE }
```

# Background

The CSS property to change the background color of an element to Hex 9B61BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B61BE }
```

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

```
.background{ background-color:#9B61BE }
```

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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