

# Converting Colors

Hex(9561BE)

Have a look what the booklet for  
Hex(9561BE) contains.

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# Color

**Hex(9561BE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9561BE
RGB	149, 97, 190
RGB Percent	58%, 38%, 75%
CMY	0.4157, 0.6196, 0.2549
CMYK	0.22, 0.49, 0.00, 0.25
HSL	274°, 42%, 56%
HSV	274°, 49%, 75%
XYZ	25.9634, 18.6567, 50.9479
YIQ	123.1500, 1.1390, 39.9470

# Conversions

## Conversions Part 2

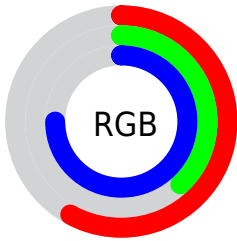
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 97, 190
Decimal	9789886
CIE <sub>Lab</sub>	50.28, 38.72, -40.99
CIE <sub>LCh</sub>	50, 56.385, 313.370
Yxy	18.6567, 0.2717, 0.1952
Android (android.graphics.Color)	4287979966 (0xFF9561BE)
YUV	123.1500, 32.9571, 22.6705
Hunter-Lab	43.1934, 31.7074, -39.6990

# Details

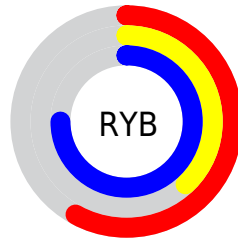
The Hex color **9561BE** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **8ABE61**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **CD95F7**, and **603088** is the 20% darker color. If you saturate the color by 10%, you get **8D4EBE**, and if you desaturate by 10%, it is **9D74BE**.

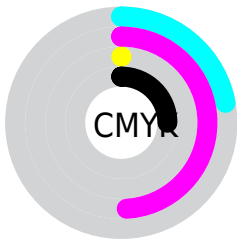
# Distribution



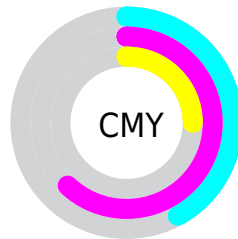
- Red (58%)
- Green (38%)
- Blue (75%)



- Red (58%)
- Yellow (38%)
- Blue (75%)



- Cyan (22%)
- Magenta (49%)
- Yellow (0%)
- Black (25%)



- Cyan (42%)
- Magenta (62%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9561BE 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 9561BE by changing the saturation by 10% instead.



 9561BE

 9561BE

FFFFFF

 7A48A3

 CD95F7

 603088

 EAB0FF

 46186E

 FFCCFF

 2C0055

 FFE8FF

 18003E

 000327

 000110

 000000

 9561BE

 9561BE

 8D4EBE

 9D74BE

 843BBE

 A687BE

 7C28BE

 AE9ABE

 7315BE

 B7ADBE

 6B02BE

 BFC0BE

 6A00BE

 C7D3BE

 D0E6BE

 D8F9BE

 E0FFBE

# Harmonies

## Analogous

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



3A76D6



9561BE



C04D94

# Triad

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



9561BE



A56C10



008E8C

# Complementary

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



9561BE



8ABE61

# 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.



008C5A



9561BE



7B7C02

# Square

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



9561BE



C35737



44872C



008CB9

# Rectangle

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



9561BE



CC4774



44872C



008E7C



# Sweetspot

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



9561BE



E7D2F7



618BBE



73667D



FCFCFC



7D7D7D



# Same Dimension

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



9561BE



B765F7



BE61B9



5A555E



58009E



11001F



# Inverse Universe

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



BE618A



F765A6



61BE66



5E5559



9E0046

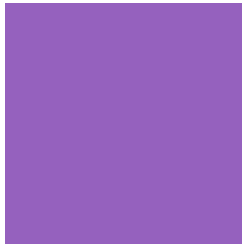


1F000D



# Previews

## White Background



This preview shows how the Hex color 9561BE 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

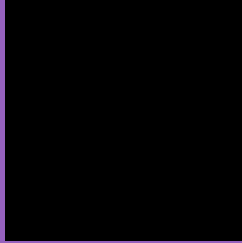
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9561BE Background



This preview shows how black text looks on a background with the Hex color 9561BE.

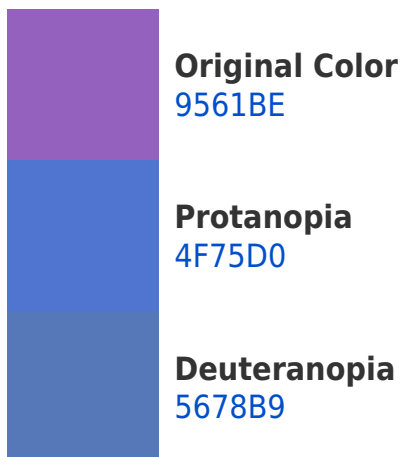



This preview shows how white text looks on a background with the Hex color 9561BE.

# 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](#).

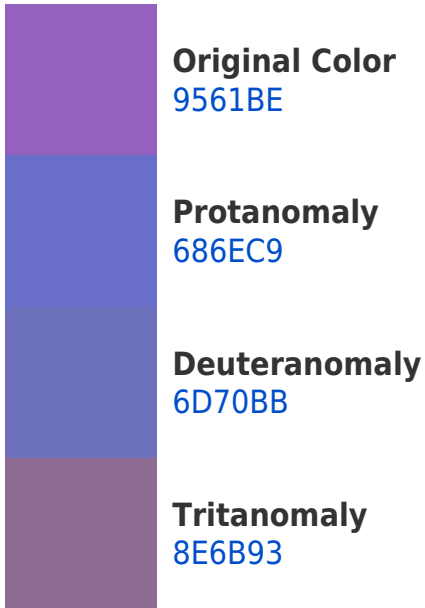
## Dichromacy



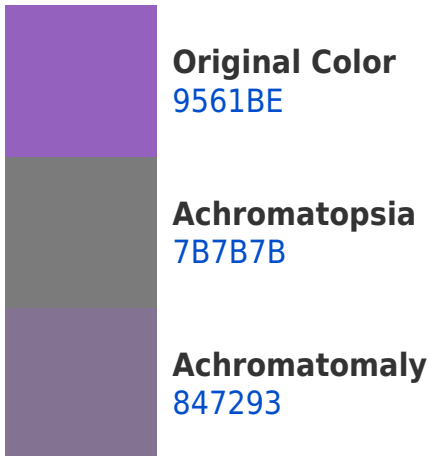


**Tritanopia**  
8A717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9561BE 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 #9561BE looks like.

```
.text, #text, p{  
    color:#9561BE  
}
```

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 #9561BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9561BE
}
```

## Border

The CSS property to change the border of an element to Hex 9561BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

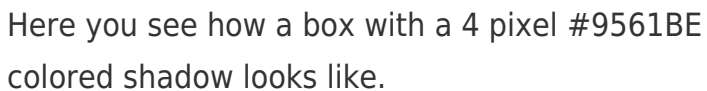
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9561BE }
```

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

```
.border{ border-color:#9561BE }
```

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



Here you see how a box with a 4 pixel #9561BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9561BE; -webkit-box-shadow:4px 4px  
4px 4px #9561BE; box-shadow:4px 4px 4px  
4px #9561BE }
```

# Background

The CSS property to change the background color of an element to Hex 9561BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9561BE }
```

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

```
.background{ background-color:#9561BE }
```

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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