

# Converting Colors

Hex(9E4ACB)

Have a look what the booklet for  
Hex(9E4ACB) contains.

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# Color

**Hex(9E4ACB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E4ACB
RGB	158, 74, 203
RGB Percent	62%, 29%, 80%
CMY	0.3804, 0.7098, 0.2039
CMYK	0.22, 0.64, 0.00, 0.20
HSL	279°, 55%, 54%
HSV	279°, 64%, 80%
XYZ	27.3288, 16.4785, 58.2402
YIQ	113.8220, 8.6550, 57.9270

# Conversions

## Conversions Part 2

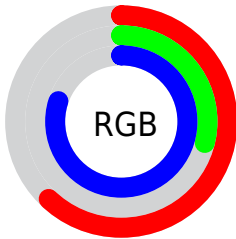
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 74, 203
Decimal	10373835
CIE <sub>Lab</sub>	47.60, 55.89, -52.70
CIE <sub>LCh</sub>	48, 76.820, 316.683
Yxy	16.4785, 0.2678, 0.1615
Android (android.graphics.Color)	4288563915 (0xFF9E4ACB)
YUV	113.8220, 43.9648, 38.7441
Hunter-Lab	40.5937, 49.1324, -56.6485

# Details

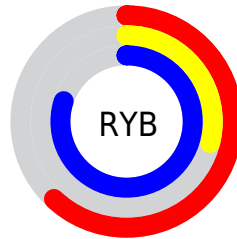
The Hex color **9E4ACB** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **77CB4A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **D87FFF**, and **660F94** is the 20% darker color. If you saturate the color by 10%, you get **9736CB**, and if you desaturate by 10%, it is **A55ECB**.

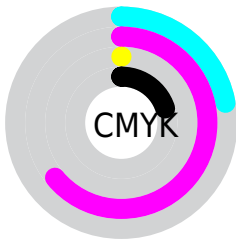
# Distribution



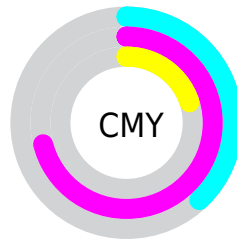
- Red (62%)
- Green (29%)
- Blue (80%)



- Red (62%)
- Yellow (29%)
- Blue (80%)



- Cyan (22%)
- Magenta (64%)
- Yellow (0%)
- Black (20%)



- Cyan (38%)
- Magenta (71%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E4ACB 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 9E4ACB by changing the saturation by 10% instead.



 9E4ACB

 9E4ACB

FFFFFF

 822FAF

 D87FFF

 660F94

 F59BFF

 4B007A

 FFB7FF

 2F0060

 FFD3FF

 140048

 FFF0FF

 000230

 00011A

 000000

 9E4ACB

 9E4ACB

9736CB

A55ECB

9021CB

AC73CB

890DCB

B387CB

8400CB

BA9BCB

C1B0CB

C8C4CB

D0D8CB

D7ECCB

DEFFCB

# Harmonies

## Analogous

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



006DEF



9E4ACB



D31691

# Triad

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



9E4ACB



A16400



008C95

# Complementary

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



9E4ACB



77CB4A

# 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



9E4ACB



687900

# Square

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



9E4ACB



CB410C



008500



008ACF

# Rectangle

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



9E4ACB



DF0066



008500



008C7E



# Sweetspot

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



9E4ACB



EECFFF



4A77CB



756280



000000



808080



# Same Dimension

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



9E4ACB



BB3DFF



CB4AB8



625C66



6C00A6



190026



# Inverse Universe

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



CB4A77



FF3D81



4ACB5D



665C5F



A6003A



26000D



# Previews

## White Background



This preview shows how the Hex color 9E4ACB looks on a white background.

## Color Contrast Check

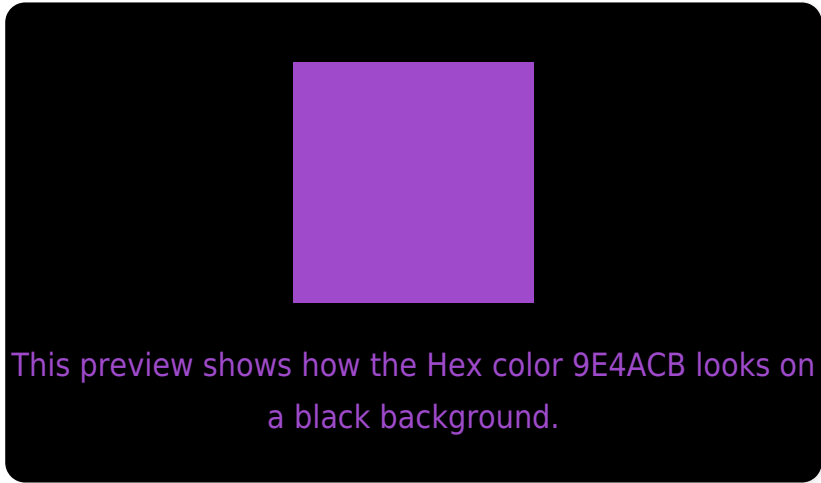
Large Text (above 18pt) WCAG AA ✓ Pass

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

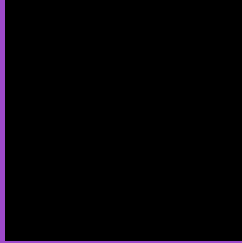
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9E4ACB Background



This preview shows how black text looks on a background with the Hex color 9E4ACB.

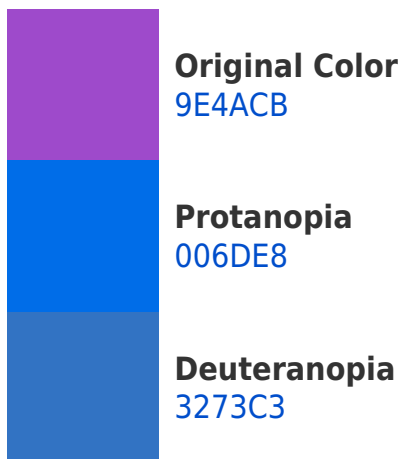



This preview shows how white text looks on a background with the Hex color 9E4ACB.

# 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](#).

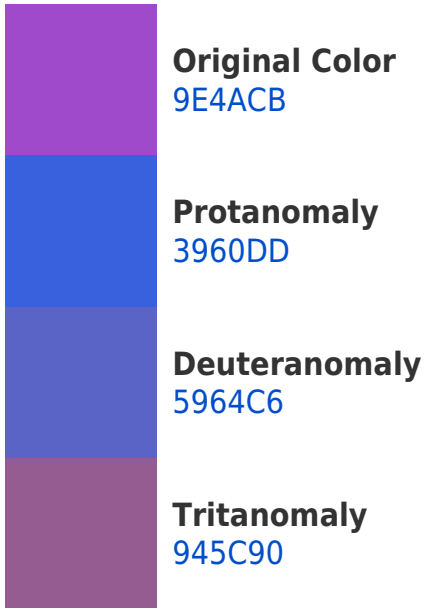
## Dichromacy



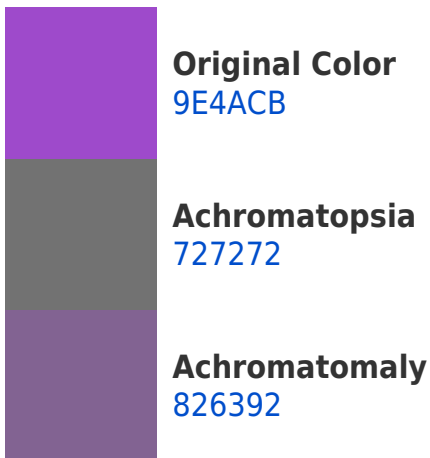


**Tritanopia**  
8F666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E4ACB 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 #9E4ACB looks like.

```
.text, #text, p{  
    color:#9E4ACB  
}
```

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 #9E4ACB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E4ACB
}
```

## Border

The CSS property to change the border of an element to Hex 9E4ACB 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
#9E4ACB }
```

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

```
.border{ border-color:#9E4ACB }
```

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

Here you see how a box with a 4 pixel #9E4ACB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E4ACB; -webkit-box-shadow:4px 4px  
4px 4px #9E4ACB; box-shadow:4px 4px 4px  
4px #9E4ACB }
```

# Background

The CSS property to change the background color of an element to Hex 9E4ACB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E4ACB }
```

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

```
.background{ background-color:#9E4ACB }
```

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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