

# Converting Colors

Hex(9E48DC)

Have a look what the booklet for  
Hex(9E48DC) contains.

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**Color**

**Hex(9E48DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E48DC
RGB	158, 72, 220
RGB Percent	62%, 28%, 86%
CMY	0.3804, 0.7176, 0.1373
CMYK	0.28, 0.67, 0.00, 0.14
HSL	275°, 68%, 57%
HSV	275°, 67%, 86%
XYZ	29.3362, 17.0711, 69.4590
YIQ	114.5860, 3.7480, 64.2600

# Conversions

## Conversions Part 2

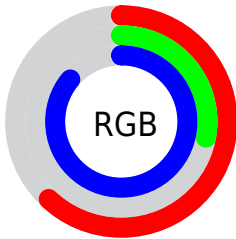
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 72, 220
Decimal	10373340
CIE Lab	48.35, 60.53, -61.22
CIE LCh	48, 86.095, 314.677
Yxy	17.0711, 0.2532, 0.1473
Android (android.graphics.Color)	4288563420 (0xFF9E48DC)
YUV	114.5860, 51.9691, 38.0741
Hunter-Lab	41.3172, 54.4339, -70.7512

# Details

The Hex color **9E48DC** 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 **86DC48**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **D87EFF**, and **6507A4** is the 20% darker color. If you saturate the color by 10%, you get **9532DC**, and if you desaturate by 10%, it is **A75EDC**.

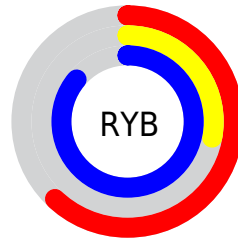
# Distribution



Red (62%)

Green (28%)

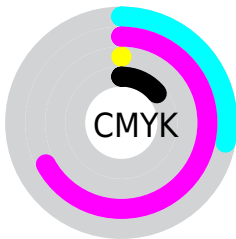
Blue (86%)



Red (62%)

Yellow (28%)

Blue (86%)

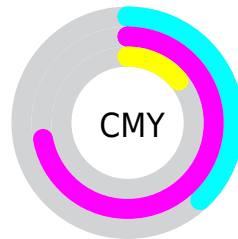


Cyan (28%)

Magenta (67%)

Yellow (0%)

Black (14%)



Cyan (38%)

Magenta (72%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E48DC 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 9E48DC by changing the saturation by 10% instead.



 9E48DC

 9E48DC

FFFFFF

 812CC0

 D87EFF

 6507A4

 F69AFF

 480089

 FFB6FF

 2A006F


 FFD2FF

 070056

 FFEFFF

 00003D

 000326

 00010F

 000000

 9E48DC

 9E48DC

 9532DC

 A75EDC

 8C1CDC

 B074DC

 8206DC

 BA8ADC

 8000DC

 C3A0DC

 CCB6DC

 D5CCDC

 DFE2DC

 E8F8DC

 F1FFDC

# Harmonies

## Analogous

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



0071FF



9E48DC



DE009B

# Triad

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



9E48DC



AA6200



009096

# Complementary

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



9E48DC



86DC48

# 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.



008E49



9E48DC



6C7B00

# Square

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



9E48DC



D83500



008800



008FD9

# Rectangle

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



9E48DC



EC006B



008800



00907D



# Sweetspot

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



9E48DC



EACCFE



4888DC



736180



000000



808080



# Same Dimension

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



9E48DC



A830FF



DC48D2



69636E



6500AD



1B002E



# Inverse Universe

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



DC4886



FF3087



48DC52



6E6367



AD0049

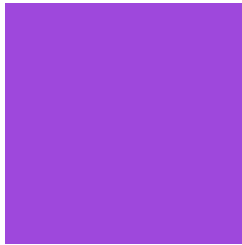


2E0013



# Previews

## White Background



This preview shows how the Hex color 9E48DC 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

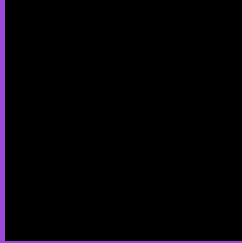
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9E48DC Background



This preview shows how black text looks on a background with the Hex color 9E48DC.

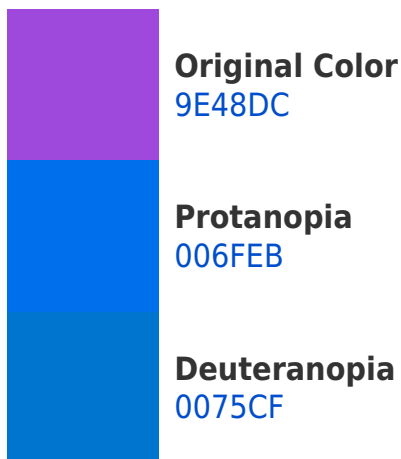


This preview shows how white text looks on a background with the Hex color 9E48DC.

# 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](#).

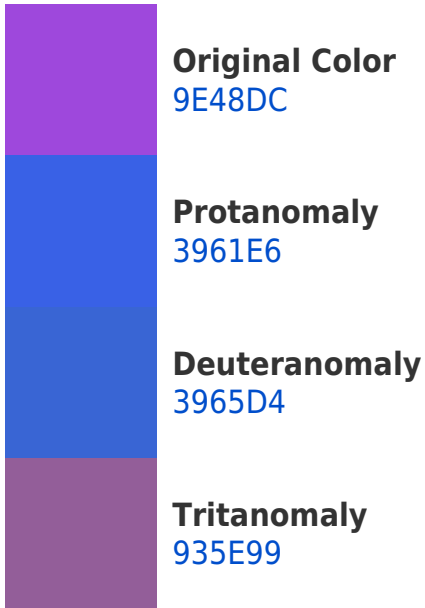
## Dichromacy



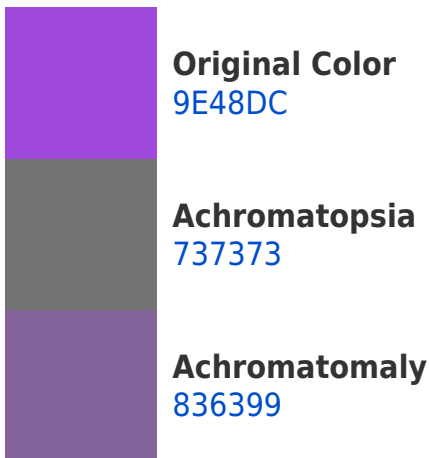


**Tritanopia**  
8C6A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E48DC 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 #9E48DC looks like.

```
.text, #text, p{  
    color:#9E48DC  
}
```

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 #9E48DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E48DC
}
```

## Border

The CSS property to change the border of an element to Hex 9E48DC 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".

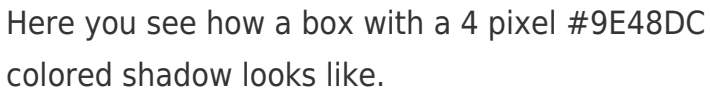
```
.border, #border, table{ border:4px solid
#9E48DC }
```

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

```
.border{ border-color:#9E48DC }
```

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

Here you see how a box with a 4 pixel #9E48DC colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E48DC; -webkit-box-shadow:4px 4px  
4px 4px #9E48DC; box-shadow:4px 4px 4px  
4px #9E48DC }
```

# Background

The CSS property to change the background color of an element to Hex 9E48DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E48DC }
```

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

```
.background{ background-color:#9E48DC }
```

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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