

# Converting Colors

Hex(9C47CD)

Have a look what the booklet for  
Hex(9C47CD) contains.

<b>Hex(9C47CD)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(9C47CD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C47CD
RGB	156, 71, 205
RGB Percent	61%, 28%, 80%
CMY	0.3882, 0.7216, 0.1961
CMYK	0.24, 0.65, 0.00, 0.20
HSL	278°, 57%, 54%
HSV	278°, 65%, 80%
XYZ	26.9830, 15.9822, 59.4203
YIQ	111.6910, 7.6460, 59.6940

# Conversions

## Conversions Part 2

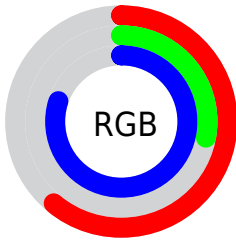
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 71, 205
Decimal	10241997
CIE <sub>Lab</sub>	46.95, 57.27, -54.90
CIE <sub>LCh</sub>	47, 79.338, 316.211
Yxy	15.9822, 0.2635, 0.1561
Android (android.graphics.Color)	4288432077 (0xFF9C47CD)
YUV	111.6910, 46.0013, 38.8590
Hunter-Lab	39.9777, 50.5177, -60.1405

# Details

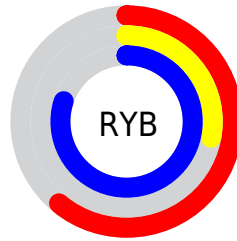
The Hex color **9C47CD** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **78CD47**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **D67DFF**, and **640896** is the 20% darker color. If you saturate the color by 10%, you get **9532CD**, and if you desaturate by 10%, it is **A35CCD**.

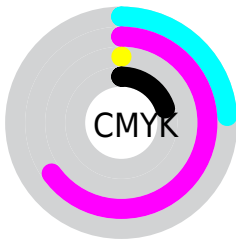
# Distribution



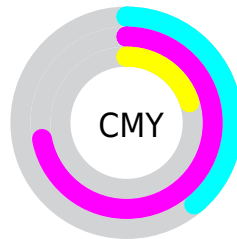
- Red (61%)
- Green (28%)
- Blue (80%)



- Red (61%)
- Yellow (28%)
- Blue (80%)



- Cyan (24%)
- Magenta (65%)
- Yellow (0%)
- Black (20%)



- Cyan (39%)
- Magenta (72%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C47CD 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 9C47CD by changing the saturation by 10% instead.



9C47CD

9C47CD

FFFFFF

802BB1

D67DFF

640896

F398FF

48007B

FFB4FF

2C0062

FFD0FF

0E0049

FFEDFF

000331

00011B

000000

9C47CD

9C47CD

 9532CD

 A35CCD

 8D1ECD

 AB70CD

 8609CD

 B284CD

 8200CD

 BA99CD

 C1ADCD

 C9C2CD

 D0D6CD

 D8EBCD

 DFFFCD

# Harmonies

## Analogous

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



006CF2



9C47CD



D40091

# Triad

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



9C47CD



A16100



008B93

# Complementary

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



9C47CD



78CD47

# 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.



00894D



9C47CD



667700

# Square

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



9C47CD



CC3C05



008300



0089D0

# Rectangle

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



9C47CD



E00065



008300



008B7C



# Sweetspot

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



9C47CD



ECCCFF



4778CD



746180



000000



808080



# Same Dimension

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



9C47CD



B638FF



CD47BB



625C66



6900A6



180026



# Inverse Universe

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



CD4778



FF3881



47CD59



665C60



A6003D

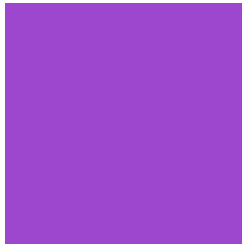


26000E



# Previews

## White Background



This preview shows how the Hex color 9C47CD looks on a white background.

## Color Contrast Check

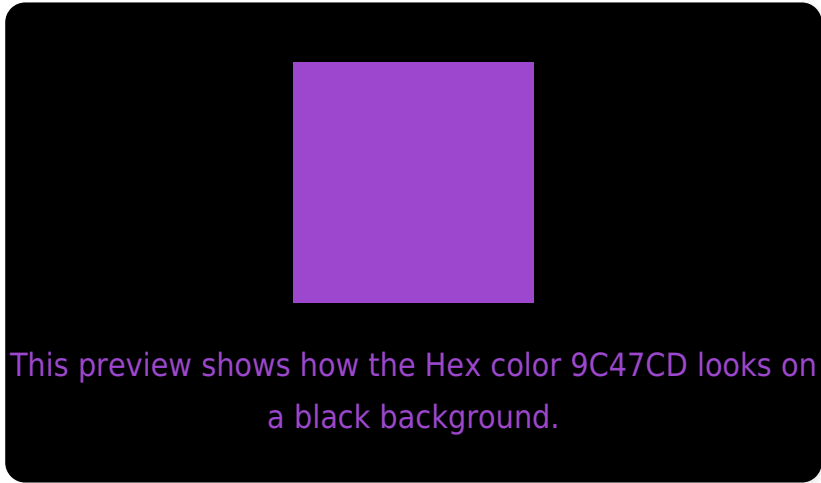
Large Text (above 18pt) WCAG AA ✓ Pass

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

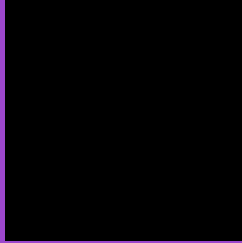
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9C47CD Background



This preview shows how black text looks on a background with the Hex color 9C47CD.

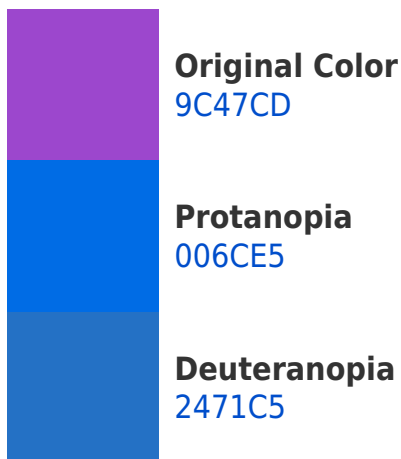



This preview shows how white text looks on a background with the Hex color 9C47CD.

# 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](#).

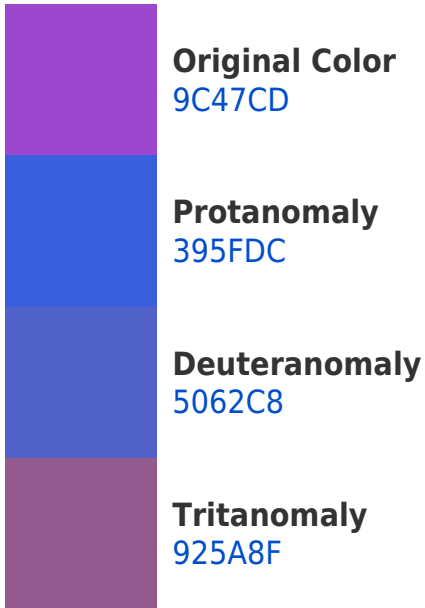
## Dichromacy



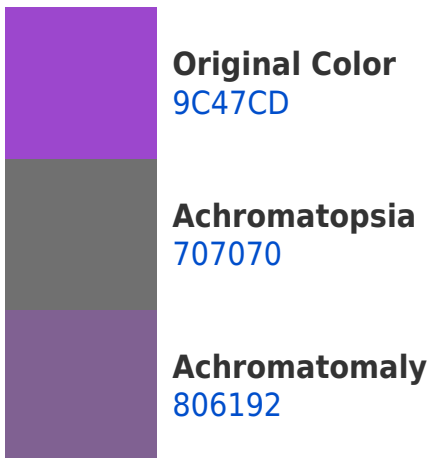


**Tritanopia**  
8C656C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C47CD 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 #9C47CD looks like.

```
.text, #text, p{  
    color:#9C47CD  
}
```

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 #9C47CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C47CD
}
```

## Border

The CSS property to change the border of an element to Hex 9C47CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

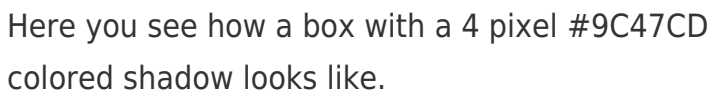
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C47CD }
```

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

```
.border{ border-color:#9C47CD }
```

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



Here you see how a box with a 4 pixel #9C47CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C47CD; -webkit-box-shadow:4px 4px  
4px 4px #9C47CD; box-shadow:4px 4px 4px  
4px #9C47CD }
```

# Background

The CSS property to change the background color of an element to Hex 9C47CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C47CD }
```

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

```
.background{ background-color:#9C47CD }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor