

# Converting Colors

Hex(9A2ACF)

Have a look what the booklet for  
Hex(9A2ACF) contains.

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**Color**

**Hex(9A2ACF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A2ACF
RGB	154, 42, 207
RGB Percent	60%, 16%, 81%
CMY	0.3961, 0.8353, 0.1882
CMYK	0.26, 0.80, 0.00, 0.19
HSL	281°, 66%, 49%
HSV	281°, 80%, 81%
XYZ	25.4169, 13.0309, 60.2071
YIQ	94.2980, 13.7870, 75.0590

# Conversions

## Conversions Part 2

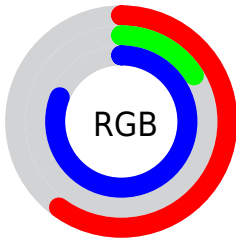
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 42, 207
Decimal	10103503
CIELab	42.81, 68.64, -62.76
CIELCh	43, 93.007, 317.562
Yxy	13.0309, 0.2576, 0.1321
Android (android.graphics.Color)	4288293583 (0xFF9A2ACF)
YUV	94.2980, 55.5621, 52.3587
Hunter-Lab	36.0984, 62.5096, -73.6185

# Details

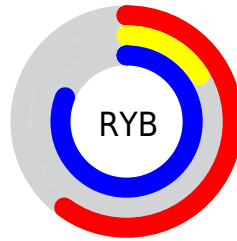
The Hex color **9A2ACF** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **5FCF2A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **D565FF**, and **600097** is the 20% darker color. If you saturate the color by 10%, you get **9315CF**, and if you desaturate by 10%, it is **A13FCF**.

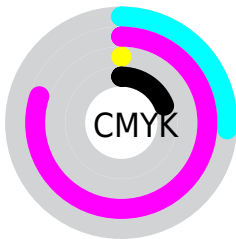
# Distribution



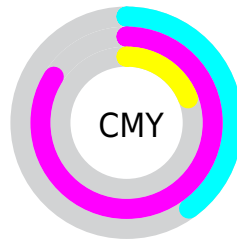
- Red (60%)
- Green (16%)
- Blue (81%)



- Red (60%)
- Yellow (16%)
- Blue (81%)



- Cyan (26%)
- Magenta (80%)
- Yellow (0%)
- Black (19%)



- Cyan (40%)
- Magenta (84%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A2ACF 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 9A2ACF by changing the saturation by 10% instead.



 9A2ACF

 9A2ACF

FFFFFF

 7D00B3

 D565FF

 600097

 F381FF

 43007D

 FF9EFF

 260063

 FFBAFF

 00004A

 FFD7FF

 000432

 FFF5FF

 00021C

 000000

 9A2ACF

 9A2ACF

 9315CF

 A13FCF

 8D01CF

 A753CF

 8D00CF

 AE68CF

 B57DCF

 BB92CF

 C2A6CF

 C9BBCF

 CFD0CF

 D6E4CF

# Harmonies

## Analogous

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



0061FC



9A2ACF



D80089

# Triad

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



9A2ACF



965600



008292

# Complementary

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



9A2ACF



5FCF2A

# 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.



008041



9A2ACF



516F00

# Square

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



9A2ACF



C81C00



007B00



0081D8

# Rectangle

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



9A2ACF



E30056



007B00



008278



# Sweetspot

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



9A2ACF



EBC2FF



2A61CF



745B80



000000



808080



# Same Dimension

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



9A2ACF



B00AFF



CF2AB3



655E69



7200A8



1C0029



# Inverse Universe

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



CF2A5F



FF0A59



2ACF46



695E61



A80036

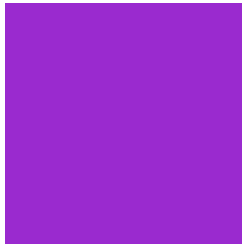


29000D



# Previews

## White Background



This preview shows how the Hex color 9A2ACF 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

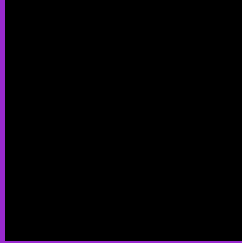
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9A2ACF Background



This preview shows how black text looks on a background with the Hex color 9A2ACF.




This preview shows how white text looks on a background with the Hex color 9A2ACF.

# 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](#).

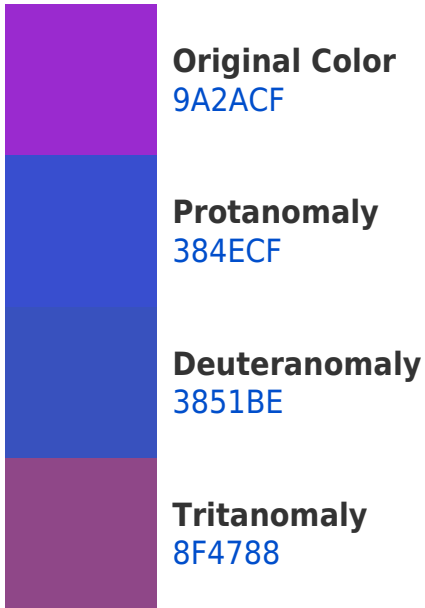
## Dichromacy



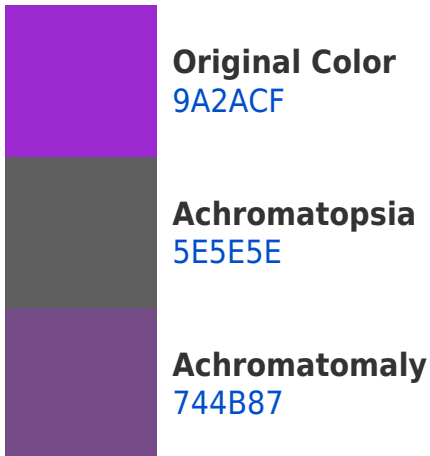


**Tritanopia**  
88585F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A2ACF 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 #9A2ACF looks like.

```
.text, #text, p{  
    color:#9A2ACF  
}
```

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 #9A2ACF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A2ACF
}
```

## Border

The CSS property to change the border of an element to Hex 9A2ACF 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
#9A2ACF }
```

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

```
.border{ border-color:#9A2ACF }
```

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

Here you see how a box with a 4 pixel #9A2ACF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A2ACF; -webkit-box-shadow:4px 4px  
4px 4px #9A2ACF; box-shadow:4px 4px 4px  
4px #9A2ACF }
```

# Background

The CSS property to change the background color of an element to Hex 9A2ACF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A2ACF }
```

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

```
.background{ background-color:#9A2ACF }
```

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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