

# Converting Colors

Hex(9B24AF)

Have a look what the booklet for  
Hex(9B24AF) contains.

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# Color

**Hex(9B24AF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B24AF
RGB	155, 36, 175
RGB Percent	61%, 14%, 69%
CMY	0.3922, 0.8588, 0.3137
CMYK	0.11, 0.79, 0.00, 0.31
HSL	291°, 66%, 41%
HSV	291°, 79%, 69%
XYZ	21.8863, 11.3255, 41.5899
YIQ	87.4270, 26.3050, 68.4570

# Conversions

## Conversions Part 2

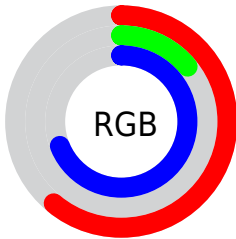
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 36, 175
Decimal	10167471
CIE <sub>Lab</sub>	40.12, 64.55, -48.35
CIE <sub>LCh</sub>	40, 80.653, 323.168
Yxy	11.3255, 0.2926, 0.1514
Android (android.graphics.Color)	4288357551 (0xFF9B24AF)
YUV	87.4270, 43.1735, 59.2615
Hunter-Lab	33.6533, 57.1935, -49.7153

# Details

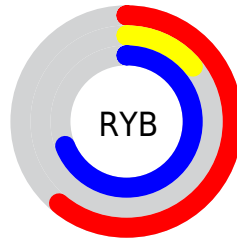
The Hex color **9B24AF** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **38AF24**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **D560E7**, and **63007A** is the 20% darker color. If you saturate the color by 10%, you get **9812AF**, and if you desaturate by 10%, it is **9E36AF**.

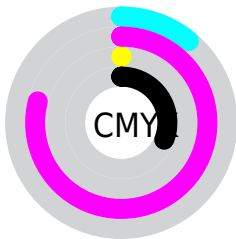
# Distribution



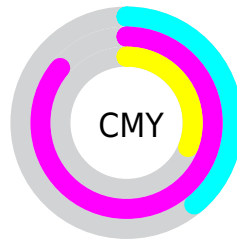
- Red (61%)
- Green (14%)
- Blue (69%)



- Red (61%)
- Yellow (14%)
- Blue (69%)



- Cyan (11%)
- Magenta (79%)
- Yellow (0%)
- Black (31%)



- Cyan (39%)
- Magenta (86%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B24AF 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 9B24AF by changing the saturation by 10% instead.



9B24AF

9B24AF

FFFFFF

7F0094

D560E7

63007A

F37CFF

480060

FF98FF

300048

FFB4FF

0C0030

FFD1FF

00011A

FFEFFF

000000

9B24AF

9B24AF

9812AF

9E36AF

9601AF

A047AF

9600AF

A359AF

A56AAF

A87CAF

AA8DAF

AD9FAF

AFB0AF

B2C2AF

# Harmonies

## Analogous

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



0054DA



9B24AF



C60071

# Triad

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



9B24AF



815700



007991

# Complementary

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



9B24AF



38AF24

# 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.



00774D



9B24AF



426A00

# Square

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



9B24AF



AF3200



007300



0076C9

# Rectangle

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



9B24AF



CC0045



007300



00787B



# Sweetspot

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



9B24AF



DBACE3



2439AF



6E5173



F2F2F2



737373



# Same Dimension

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



9B24AF



C40BE3



AF247E



554E57



810096



140017



# Inverse Universe

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



AF2438



E30B2A



24AF55



574E4F



960016



170003



# Previews

## White Background



This preview shows how the Hex color 9B24AF looks on a white background.

## Color Contrast Check

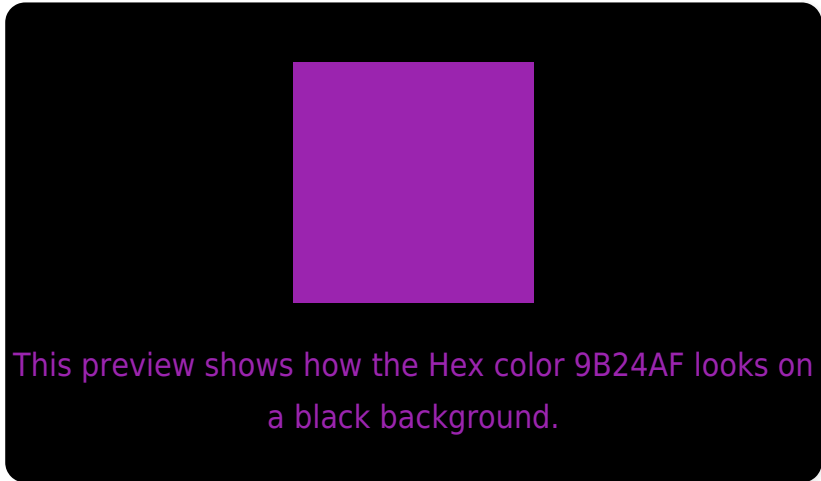
Large Text (above 18pt) WCAG AA ✓ Pass

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

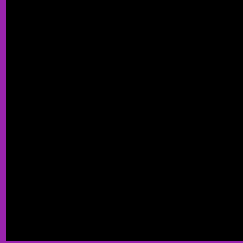
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9B24AF Background



This preview shows how black text looks on a background with the Hex color 9B24AF.

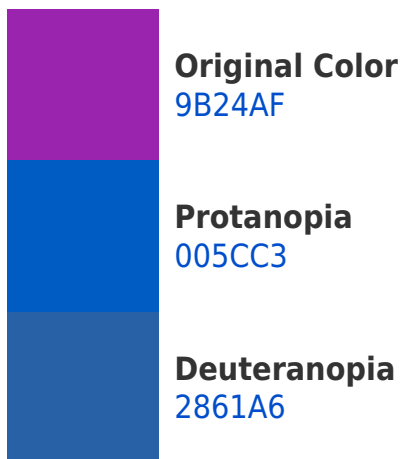


This preview shows how white text looks on a background with the Hex color 9B24AF.

# 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**  
8F4B50

# Trichromacy



**Original Color**  
9B24AF



**Protanomaly**  
3848BC



**Deuteranomaly**  
524BA9



**Tritanomaly**  
933D73

# Monochromacy



**Original Color**  
9B24AF



**Achromatopsia**  
575757



**Achromatomaly**  
704477

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B24AF 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 #9B24AF looks like.

```
.text, #text, p{  
    color:#9B24AF  
}
```

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 #9B24AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B24AF
}
```

## Border

The CSS property to change the border of an element to Hex 9B24AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

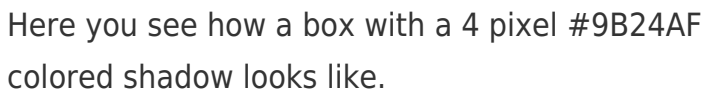
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B24AF }
```

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

```
.border{ border-color:#9B24AF }
```

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



Here you see how a box with a 4 pixel #9B24AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B24AF; -webkit-box-shadow:4px 4px  
4px 4px #9B24AF; box-shadow:4px 4px 4px  
4px #9B24AF }
```

# Background

The CSS property to change the background color of an element to Hex 9B24AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B24AF }
```

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

```
.background{ background-color:#9B24AF }
```

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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