

Converting Colors

Hex(9B00AB)

Have a look what the booklet for
Hex(9B00AB) contains.

Hex(9B00AB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9B00AB)

Conversions

Conversions Part 1

Format	Color
Hex	9B00AB
RGB	155, 0, 171
RGB Percent	61%, 0%, 67%
CMY	0.3922, 1.0000, 0.3294
CMYK	0.09, 1.00, 0.00, 0.33
HSL	294°, 100%, 34%
HSV	294°, 100%, 67%
XYZ	20.8683, 9.9088, 39.3408
YIQ	65.8390, 37.4890, 86.0410

Conversions

Conversions Part 2

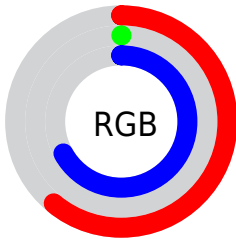
Format	Color
R_{YB}	155, 0, 171
Decimal	10158251
CIE _{Lab}	37.68, 70.27, -49.90
CIE _{LCh}	38, 86.182, 324.619
Yxy	9.9088, 0.2976, 0.1413
Android (android.graphics.Color)	4288348331 (0xFF9B00AB)
YUV	65.8390, 51.8444, 78.1942
Hunter-Lab	31.4783, 63.2479, -52.0643

Details

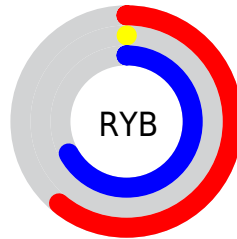
The Hex color **9B00AB** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **10AB00**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **D551E3**, and **620076** is the 20% darker color. If you saturate the color by 10%, you get **9B00AB**, and if you desaturate by 10%, it is **9D11AB**.

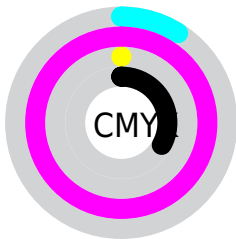
Distribution



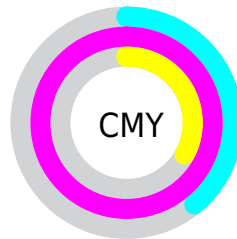
- Red (61%)
- Green (0%)
- Blue (67%)



- Red (61%)
- Yellow (0%)
- Blue (67%)



- Cyan (9%)
- Magenta (100%)
- Yellow (0%)
- Black (33%)



- Cyan (39%)
- Magenta (100%)
- Yellow (33%)
- Black (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B00AB 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 9B00AB by changing the saturation by 10% instead.

 9B00AB

 9B00AB

FFFFFF

 7F0090

 D551E3

 620076

 F36EFF

 47005C

 FF8BFF

 2D0044

 FFA7FF

 05002D

 FFC4FF

 000117

 FFE2FF

 000000

 9B00AB

 9D11AB

 9E22AB

 A033AB

 A144AB

 A355AB

 A567AB

 A678AB

 A889AB

 A99AAB

Harmonies

Analogous

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



004DDB



9B00AB



C60069

Triad

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



9B00AB



775200



007392

Complementary

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



9B00AB



10AB00

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.



00714A



9B00AB



326500

Square

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



9B00AB



A92900



006E00



0071CC

Rectangle

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



9B00AB



CA003B



006E00



00737A

Sweetspot

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



9B00AB



D89BDE



0011AB



6C4870



F0F0F0



707070

Same Dimension

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



9B00AB



C900DE



AB0067



564E57



880096



150017

Inverse Universe

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



AB0010



DE0015



00AB44



574E4F



96000E



170002

Previews

White Background



This preview shows how the Hex color 9B00AB looks on a white background.

Color Contrast Check

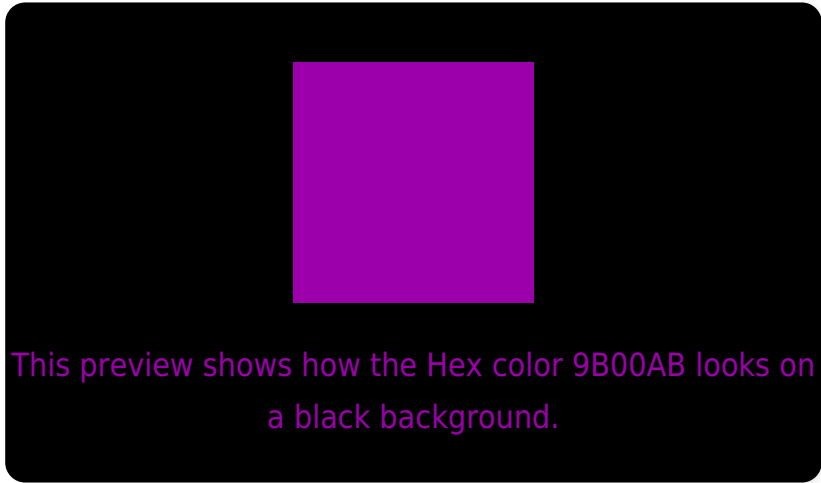
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

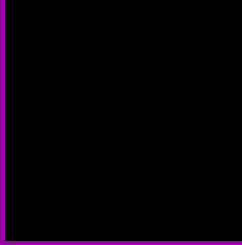
Any Text WCAG AA × Fail

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 9B00AB Background



This preview shows how black text looks on a background with the Hex color 9B00AB.

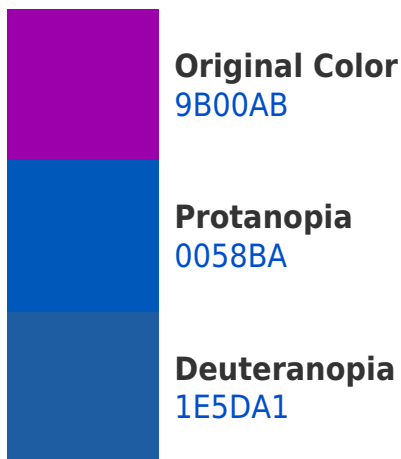



This preview shows how white text looks on a background with the Hex color 9B00AB.

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
8F4348

Trichromacy



Original Color
9B00AB



Protanomaly
3838B5



Deuteranomaly
4B3BA5



Tritanomaly
932B6C

Monochromacy



Original Color
9B00AB



Achromatopsia
424242



Achromatomaly
622A68

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B00AB 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 #9B00AB looks like.

```
.text, #text, p{  
    color:#9B00AB  
}
```

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 #9B00AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B00AB
}
```

Border

The CSS property to change the border of an element to Hex 9B00AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

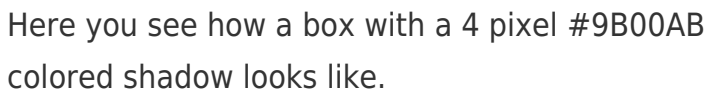
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B00AB }
```

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

```
.border{ border-color:#9B00AB }
```

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



Here you see how a box with a 4 pixel #9B00AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B00AB; -webkit-box-shadow:4px 4px  
4px 4px #9B00AB; box-shadow:4px 4px 4px  
4px #9B00AB }
```

Background

The CSS property to change the background color of an element to Hex 9B00AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B00AB }
```

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

```
.background{ background-color:#9B00AB }
```

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](https://twitter.com/ConvertingColor)