

Converting Colors

Hex(9B2ACD)

Have a look what the booklet for
Hex(9B2ACD) contains.

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Color

Hex(9B2ACD)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9B2ACD |
| RGB | 155, 42, 205 |
| RGB Percent | 61%, 16%, 80% |
| CMY | 0.3922, 0.8353, 0.1961 |
| CMYK | 0.24, 0.80, 0.00, 0.20 |
| HSL | 282°, 66%, 48% |
| HSV | 282°, 80%, 80% |
| XYZ | 25.3650, 13.0323, 58.9362 |
| YIQ | 94.3690, 15.0250, 74.6490 |

Conversions

Conversions Part 2

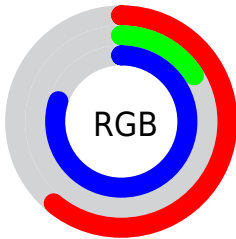
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 155, 42, 205 |
| Decimal | 10169037 |
| CIE _{Lab} | 42.81, 68.41, -61.59 |
| CIE _{LCh} | 43, 92.054, 318.002 |
| Yxy | 13.0323, 0.2606, 0.1339 |
| Android (android.graphics.Color) | 4288359117 (0xFF9B2ACD) |
| YUV | 94.3690, 54.5411, 53.1734 |
| Hunter-Lab | 36.1002, 62.2434, -71.5250 |

Details

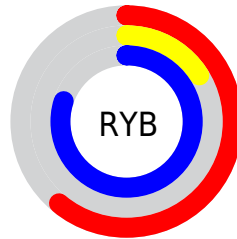
The Hex color **9B2ACD** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **5CCD2A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **D665FF**, and **620096** is the 20% darker color. If you saturate the color by 10%, you get **9515CD**, and if you desaturate by 10%, it is **A13ECD**.

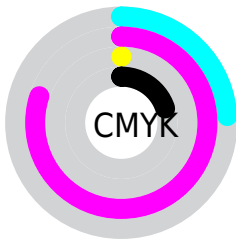
Distribution



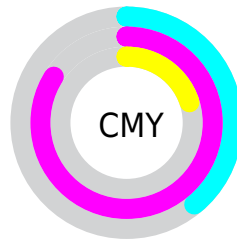
- Red (61%)
- Green (16%)
- Blue (80%)



- Red (61%)
- Yellow (16%)
- Blue (80%)



- Cyan (24%)
- Magenta (80%)
- Yellow (0%)
- Black (20%)



- Cyan (39%)
- Magenta (84%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B2ACD 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 9B2ACD by changing the saturation by 10% instead.

 9B2ACD

 9B2ACD

FFFFFF

 7E00B1

 D665FF

 620096

 F481FF

 45007B

 FF9EFF

 280061

 FFBAFF

 000048

 FFD7FF

 000431

 FFF5FF

 00011B

 000000

 9B2ACD

 9B2ACD

■ 9515CD

■ A13ECD

■ 8E01CD

■ A853CD

■ 8E00CD

■ AE68CD

■ B47CCD

■ BA91CD

■ C1A5CD

■ C7BACD

■ CDCECD

■ D4E3CD

Harmonies

Analogous

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



0060FA



9B2ACD



D70087

Triad

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



9B2ACD



955700



008293

Complementary

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



9B2ACD



5CCD2A

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.



008043



9B2ACD



506F00

Square

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



9B2ACD



C72000



007B00



0081D7

Rectangle

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



9B2ACD



E20055



007B00



008179

Sweetspot

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



9B2ACD



ECC2FF



2A5ECD



745B80



000000



808080

Same Dimension

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



9B2ACD



B50DFF



CD2AAF



635C66



7300A6



1B0026

Inverse Universe

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



CD2A5C



FF0D57



2ACD48



665C5F



A60033



26000C

Previews

White Background



This preview shows how the Hex color 9B2ACD 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

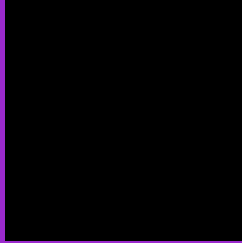
Any Text WCAG AA × Fail

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 9B2ACD Background



This preview shows how black text looks on a background with the Hex color 9B2ACD.



This preview shows how white text looks on a background with the Hex color 9B2ACD.

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



Original Color
9B2ACD

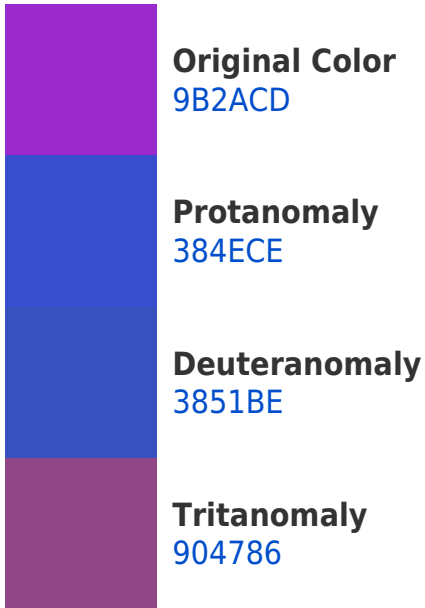
Protanopia
0062CF

Deuteranopia
0068B6



Tritanopia
8A575E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B2ACD 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 #9B2ACD looks like.

```
.text, #text, p{  
    color:#9B2ACD  
}
```

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 #9B2ACD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B2ACD
}
```

Border

The CSS property to change the border of an element to Hex 9B2ACD 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
#9B2ACD }
```

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

```
.border{ border-color:#9B2ACD }
```

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

Here you see how a box with a 4 pixel #9B2ACD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B2ACD; -webkit-box-shadow:4px 4px  
4px 4px #9B2ACD; box-shadow:4px 4px 4px  
4px #9B2ACD }
```

Background

The CSS property to change the background color of an element to Hex 9B2ACD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B2ACD }
```

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

```
.background{ background-color:#9B2ACD }
```

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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