

# Converting Colors

Hex(9C2BD9)

Have a look what the booklet for  
Hex(9C2BD9) contains.

|  |    |
|--|----|
| <b>Hex(9C2BD9)</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(9C2BD9)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 9C2BD9                    |
| RGB           | 156, 43, 217              |
| RGB Percent   | 61%, 17%, 85%             |
| CMY           | 0.3882, 0.8314, 0.1490    |
| CMYK          | 0.28, 0.80, 0.00, 0.15    |
| HSL           | 279°, 70%, 51%            |
| HSV           | 279°, 80%, 85%            |
| XYZ           | 27.0986, 13.8054, 66.8821 |
| YIQ           | 96.6230, 11.4940, 78.0700 |

# Conversions

## Conversions Part 2

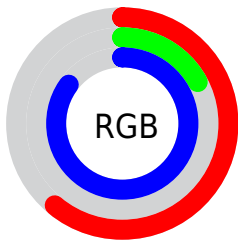
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 156, 43, 217                  |
| Decimal                             | 10234841                      |
| CIE <sub>Lab</sub>                  | 43.95, 70.67, -66.65          |
| CIE <sub>LCh</sub>                  | 44, 97.136, 316.678           |
| Yxy                                 | 13.8054, 0.2514,<br>0.1281    |
| Android<br>(android.graphics.Color) | 4288424921<br>(0xFF9C2BD9)    |
| YUV                                 | 96.6230, 59.3459,<br>52.0736  |
| Hunter-Lab                          | 37.1557, 65.1622,<br>-80.7161 |

# Details

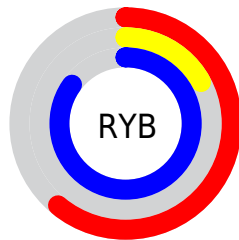
The Hex color **9C2BD9** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **68D92B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **D767FF**, and **6200A1** is the 20% darker color. If you saturate the color by 10%, you get **9415D9**, and if you desaturate by 10%, it is **A441D9**.

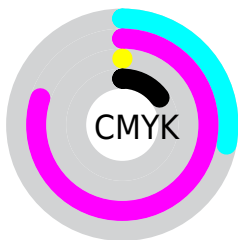
# Distribution



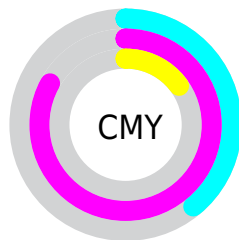
- Red (61%)
- Green (17%)
- Blue (85%)



- Red (61%)
- Yellow (17%)
- Blue (85%)



- Cyan (28%)
- Magenta (80%)
- Yellow (0%)
- Black (15%)



- Cyan (39%)
- Magenta (83%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C2BD9 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 9C2BD9 by changing the saturation by 10% instead.



 9C2BD9

 9C2BD9

FFFFFF

 7F00BD

 D767FF

 6200A1

 F583FF

 440086

 FF9FFF

 24006C

 FFBCFF

 000052

 FFD9FF

 00043A

 FFF7FF

 000224

 00000B

 000000

 9C2BD9

 9C2BD9

 9415D9

 A441D9

 8D00D9

 AB56D9

 B36CD9

 BA82D9

 C297D9

 CAADD9

 D1C3D9

 D9D9D9

 E0EED9

# Harmonies

## Analogous

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



0065FF



9C2BD9



DF008F

# Triad

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



9C2BD9



9C5700



008695

# Complementary

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



9C2BD9



68D92B

# 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.



00843F



9C2BD9



547200

# Square

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



9C2BD9



D01200



007F00



0086DE

# Rectangle

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



9C2BD9



EC005A



007F00



008579



# Sweetspot

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



9C2BD9



EAC2FF



2B6BD9



735B80



000000



808080



# Same Dimension

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



9C2BD9



A90AFF



D92BC2



6A636E



7100AD



1E002E



# Inverse Universe

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



D92B68



FF0A60



2BD942



6E6367



AD003D



2E0010



# Previews

## White Background



This preview shows how the Hex color 9C2BD9 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

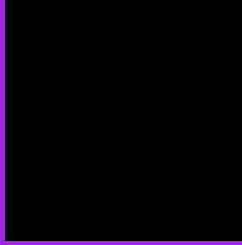
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9C2BD9 Background



This preview shows how black text looks on a background with the Hex color 9C2BD9.




This preview shows how white text looks on a background with the Hex color 9C2BD9.

# 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](#).

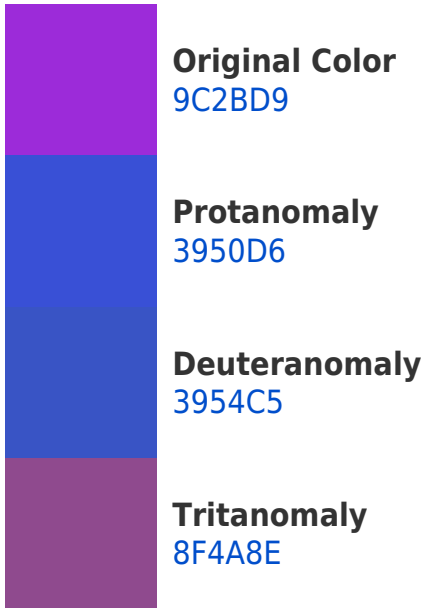
## Dichromacy





**Tritanopia**  
885C63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C2BD9 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 #9C2BD9 looks like.

```
.text, #text, p{  
    color:#9C2BD9  
}
```

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 #9C2BD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C2BD9
}
```

## Border

The CSS property to change the border of an element to Hex 9C2BD9 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
#9C2BD9 }
```

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

```
.border{ border-color:#9C2BD9 }
```

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

Here you see how a box with a 4 pixel #9C2BD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C2BD9; -webkit-box-shadow:4px 4px  
4px 4px #9C2BD9; box-shadow:4px 4px 4px  
4px #9C2BD9 }
```

# Background

The CSS property to change the background color of an element to Hex 9C2BD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C2BD9 }
```

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

```
.background{ background-color:#9C2BD9 }
```

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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