

# Converting Colors

Hex(9C2BBB)

Have a look what the booklet for  
Hex(9C2BBB) contains.

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**Color**

**Hex(9C2BBB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C2BBB
RGB	156, 43, 187
RGB Percent	61%, 17%, 73%
CMY	0.3882, 0.8314, 0.2667
CMYK	0.17, 0.77, 0.00, 0.27
HSL	287°, 63%, 45%
HSV	287°, 77%, 73%
XYZ	23.5438, 12.3835, 48.1631
YIQ	93.2030, 21.1240, 68.7400

# Conversions

## Conversions Part 2

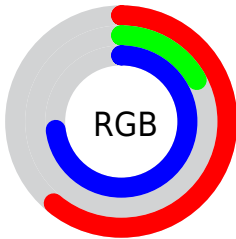
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	156, 43, 187
Decimal	10234811
CIE Lab	41.82, 64.79, -52.70
CIE LCh	42, 83.518, 320.877
Yxy	12.3835, 0.2800, 0.1473
Android (android.graphics.Color)	4288424891 (0xFF9C2BBB)
YUV	93.2030, 46.2419, 55.0730
Hunter-Lab	35.1902, 57.8414, -56.5140

# Details

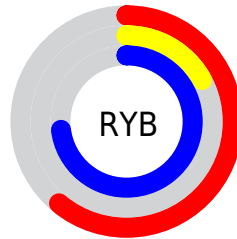
The Hex color **9C2BBB** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **4ABB2B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **D665F4**, and **640085** is the 20% darker color. If you saturate the color by 10%, you get **9818BB**, and if you desaturate by 10%, it is **A03EBB**.

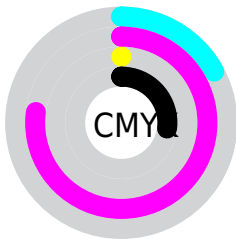
# Distribution



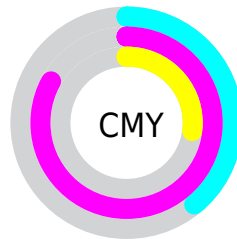
- Red (61%)
- Green (17%)
- Blue (73%)



- Red (61%)
- Yellow (17%)
- Blue (73%)



- Cyan (17%)
- Magenta (77%)
- Yellow (0%)
- Black (27%)



- Cyan (39%)
- Magenta (83%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C2BBB 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 9C2BBB by changing the saturation by 10% instead.



 9C2BBB

 9C2BBB

FFFFFF

 8000A0

 D665F4

 640085

 F481FF

 48006B

 FF9DFF

 2E0052

 FFBAFF


 0C003A

 FFD7FF

 000223

 FFF4FF

 00000A

 000000

 9C2BBB

 9C2BBB

9818BB

A03EBB

9406BB

A450BB

9300BB

A863BB

AC76BB

B088BB

B49BBB

B8AE BB

BCC1BB

C0D3BB

# Harmonies

## Analogous

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



005BE6



9C2BBB



CD007B

# Triad

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



9C2BBB



8A5900



007E92

# Complementary

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



9C2BBB



4ABB2B

# 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.



007C4B



9C2BBB



4B6D00

# Square

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



9C2BBB



B93000



007800



007CCE

# Rectangle

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



9C2BBB



D5004D



007800



007D7B



# Sweetspot

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



9C2BBB



E6BBF2



2B4ABB



73587A



FAFAFA



7A7A7A



# Same Dimension

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



9C2BBB



C213F2



BB2B92



5C555E



7C009E



18001F



# Inverse Universe

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



BB2B4A



F21343



2BBB54



5E5557



9E0022

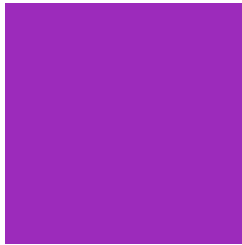


1F0007



# Previews

## White Background



This preview shows how the Hex color 9C2BBB looks on a white background.

## Color Contrast Check

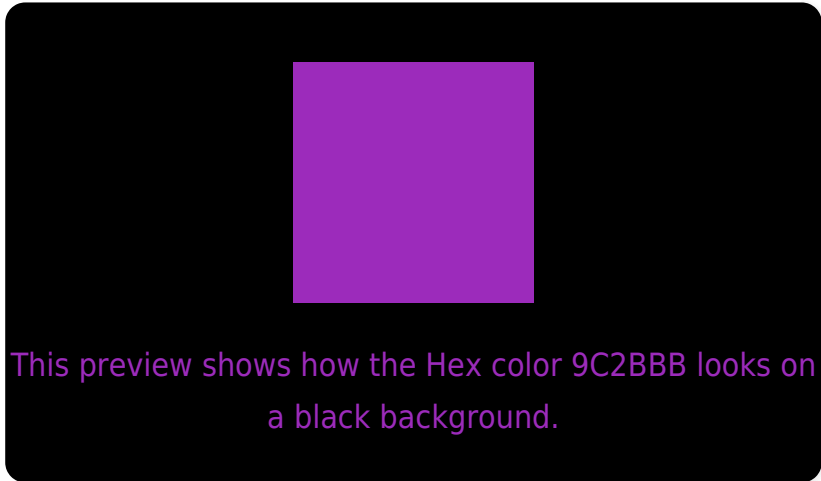
Large Text (above 18pt) WCAG AA ✓ Pass

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

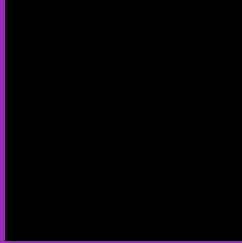
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9C2BBB Background



This preview shows how black text looks on a background with the Hex color 9C2BBB.

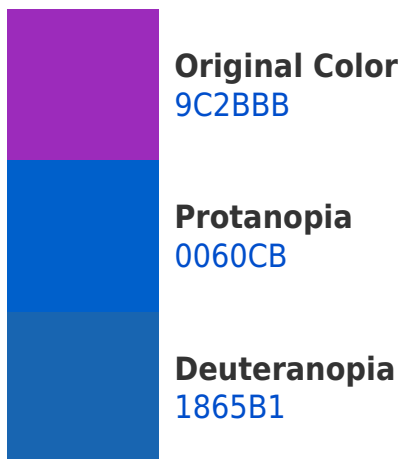


This preview shows how white text looks on a background with the Hex color 9C2BBB.

# 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**  
8E5157

# Trichromacy



**Original Color**  
9C2BBB



**Protanomaly**  
394DC5



**Deuteranomaly**  
4850B5



**Tritanomaly**  
93437B

# Monochromacy



**Original Color**  
9C2BBB



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
744B7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C2BBB 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 #9C2BBB looks like.

```
.text, #text, p{  
    color:#9C2BBB  
}
```

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 #9C2BBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C2BBB
}
```

## Border

The CSS property to change the border of an element to Hex 9C2BBB is called "border". The border property can be set on classes, ids or directly on the HTML element.

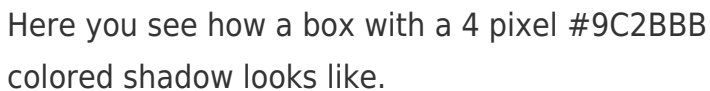
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C2BBB }
```

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

```
.border{ border-color:#9C2BBB }
```

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



Here you see how a box with a 4 pixel #9C2BBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C2BBB; -webkit-box-shadow:4px 4px  
4px 4px #9C2BBB; box-shadow:4px 4px 4px  
4px #9C2BBB }
```

# Background

The CSS property to change the background color of an element to Hex 9C2BBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C2BBB }
```

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

```
.background{ background-color:#9C2BBB }
```

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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