

# Converting Colors

Hex(9C22B2)

Have a look what the booklet for  
Hex(9C22B2) contains.

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# Color

**Hex(9C22B2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C22B2
RGB	156, 34, 178
RGB Percent	61%, 13%, 70%
CMY	0.3882, 0.8667, 0.3020
CMYK	0.12, 0.81, 0.00, 0.30
HSL	291°, 68%, 42%
HSV	291°, 81%, 70%
XYZ	22.3182, 11.4263, 43.1487
YIQ	86.8940, 26.4880, 70.6480

# Conversions

## Conversions Part 2

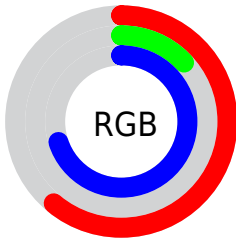
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 34, 178
Decimal	10232498
CIE <sub>Lab</sub>	40.29, 65.84, -49.85
CIE <sub>LCh</sub>	40, 82.586, 322.868
Yxy	11.4263, 0.2902, 0.1486
Android (android.graphics.Color)	4288422578 (0xFF9C22B2)
YUV	86.8940, 44.9153, 60.6060
Hunter-Lab	33.8029, 58.6990, -52.0205

# Details

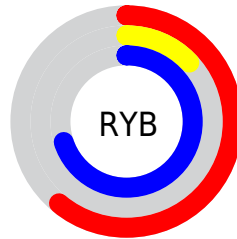
The Hex color **9C22B2** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **38B222**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **D65FEA**, and **64007C** is the 20% darker color. If you saturate the color by 10%, you get **9910B2**, and if you desaturate by 10%, it is **9F34B2**.

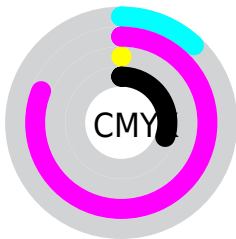
# Distribution



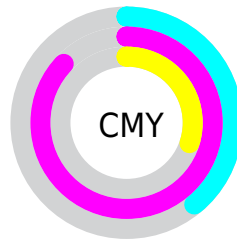
- Red (61%)
- Green (13%)
- Blue (70%)



- Red (61%)
- Yellow (13%)
- Blue (70%)



- Cyan (12%)
- Magenta (81%)
- Yellow (0%)
- Black (30%)



- Cyan (39%)
- Magenta (87%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C22B2 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 9C22B2 by changing the saturation by 10% instead.



 9C22B2

 9C22B2

FFFFFF

 800097

 D65FEA

 64007C

 F47BFF

 480063

 FF97FF

 30004A

 FFB4FF

 0C0032

 FFD1FF

 00021C

 FFEEFF

 000000

 9C22B2

 9C22B2

 9910B2

 9F34B2

9700B2

A146B2

A457B2

A769B2

AA7BB2

AC8DB2

AF9FB2

B2B0B2

B4C2B2

# Harmonies

## Analogous

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



0055DE



9C22B2



C90072

# Triad

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



9C22B2



825700



007992

# Complementary

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



9C22B2



38B222

# 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.



00784C



9C22B2



426B00

# Square

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



9C22B2



B13000



007400



0077CC

# Rectangle

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



9C22B2



CF0046



007400



00797C



# Sweetspot

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



9C22B2



E0B0E8



223AB2



705375



F5F5F5



757575



# Same Dimension

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



9C22B2



C607E8



B22282



585059



820099



16001A



# Inverse Universe

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



B22238



E80729



22B252



595052



990017



1A0004



# Previews

## White Background



This preview shows how the Hex color 9C22B2 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

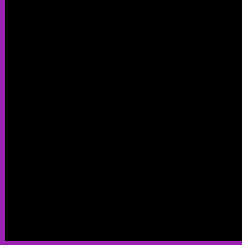
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9C22B2 Background



This preview shows how black text looks on a background with the Hex color 9C22B2.

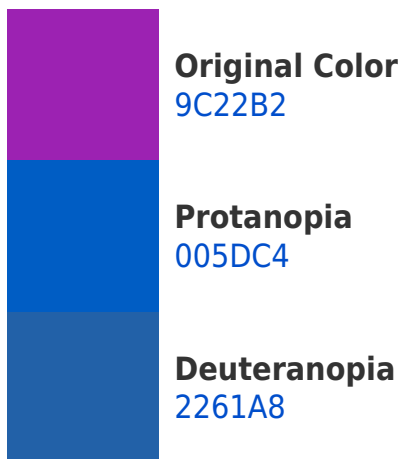


This preview shows how white text looks on a background with the Hex color 9C22B2.

# 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](#).

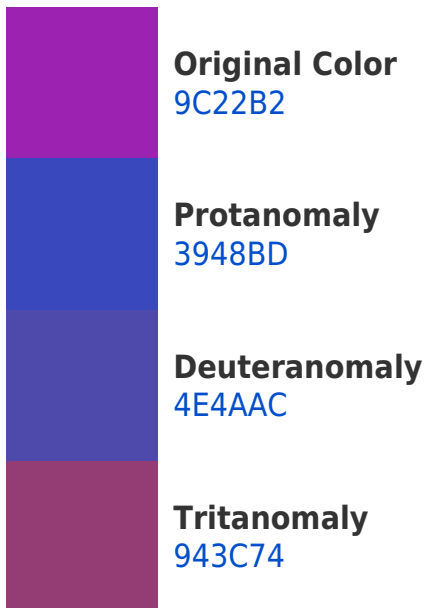
## Dichromacy



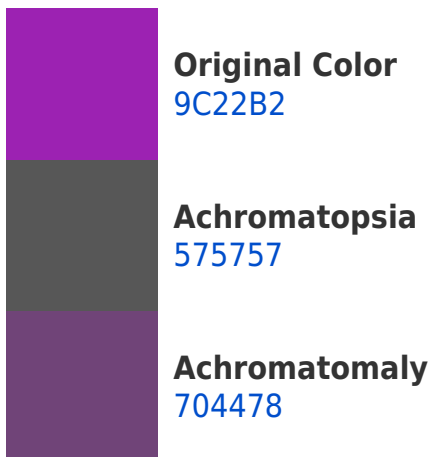


**Tritanopia**  
8F4B50

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C22B2 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 #9C22B2 looks like.

```
.text, #text, p{  
    color:#9C22B2  
}
```

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 #9C22B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C22B2
}
```

## Border

The CSS property to change the border of an element to Hex 9C22B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

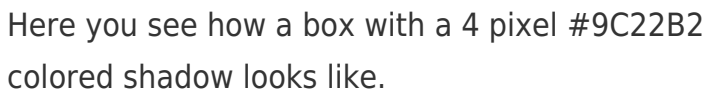
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C22B2 }
```

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

```
.border{ border-color:#9C22B2 }
```

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



Here you see how a box with a 4 pixel #9C22B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C22B2; -webkit-box-shadow:4px 4px  
4px 4px #9C22B2; box-shadow:4px 4px 4px  
4px #9C22B2 }
```

# Background

The CSS property to change the background color of an element to Hex 9C22B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C22B2 }
```

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

```
.background{ background-color:#9C22B2 }
```

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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