

# Converting Colors

Hex(9C1CB0)

Have a look what the booklet for  
Hex(9C1CB0) contains.

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**Color**

**Hex(9C1CB0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C1CB0
RGB	156, 28, 176
RGB Percent	61%, 11%, 69%
CMY	0.3882, 0.8902, 0.3098
CMYK	0.11, 0.84, 0.00, 0.31
HSL	292°, 73%, 40%
HSV	292°, 84%, 69%
XYZ	21.9620, 11.0330, 42.0464
YIQ	83.1440, 28.7800, 73.1640

# Conversions

## Conversions Part 2

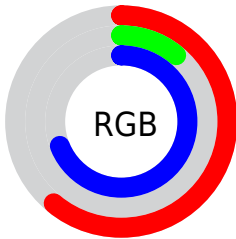
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 28, 176
Decimal	10230960
CIE <sub>Lab</sub>	39.64, 67.01, -49.72
CIE <sub>LCh</sub>	40, 83.438, 323.426
Yxy	11.0330, 0.2927, 0.1470
Android (android.graphics.Color)	4288421040 (0xFF9C1CB0)
YUV	83.1440, 45.7780, 63.8947
Hunter-Lab	33.2160, 59.8942, -51.8009

# Details

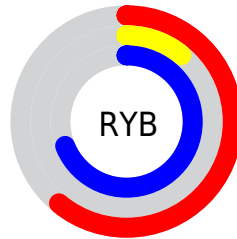
The Hex color **9C1CB0** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **30B01C**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **D65BE8**, and **64007A** is the 20% darker color. If you saturate the color by 10%, you get **9A0AB0**, and if you desaturate by 10%, it is **9E2EB0**.

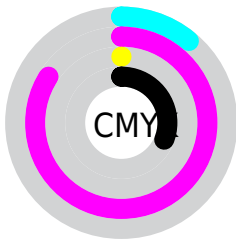
# Distribution



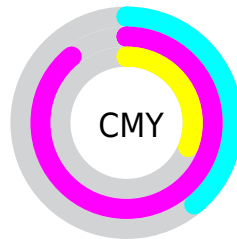
- Red (61%)
- Green (11%)
- Blue (69%)



- Red (61%)
- Yellow (11%)
- Blue (69%)



- Cyan (11%)
- Magenta (84%)
- Yellow (0%)
- Black (31%)



- Cyan (39%)
- Magenta (89%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C1CB0 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 9C1CB0 by changing the saturation by 10% instead.



 9C1CB0

 9C1CB0

FFFFFF

 800095

 D65BE8

 64007A

 F478FF

 480061

 FF94FF

 300049

 FFB1FF

 0B0031

 FFCDFE

 00011B

 FFE8FF

 000000

 9C1CB0

 9C1CB0

 9A0AB0

 9E2EB0

9800B0

A13FB0

A351B0

A662B0

A874B0

AA86B0

AD97B0

AFA9B0

B1BAB0

# Harmonies

## Analogous

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



0053DD



9C1CB0



C80070

# Triad

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



9C1CB0



7F5600



007892

# Complementary

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



9C1CB0



30B01C

# 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.



00764C



9C1CB0



3E6900

# Square

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



9C1CB0



AF2F00



007200



0076CC

# Rectangle

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



9C1CB0



CE0043



007200



00787B



# Sweetspot

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



9C1CB0



DEACE6



1C32B0



6E5073



F2F2F2



737373



# Same Dimension

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



9C1CB0



C600E6



B01C7C



585059



840099



16001A



# Inverse Universe

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



B01C30



E6001F



1CB050



595052



990015

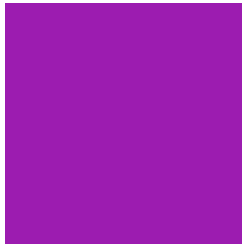


1A0003



# Previews

## White Background



This preview shows how the Hex color 9C1CB0 looks on a white background.

## Color Contrast Check

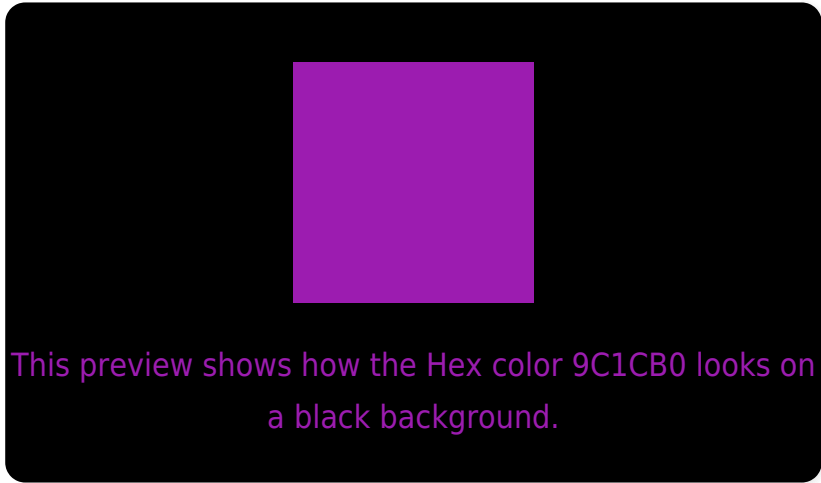
Large Text (above 18pt) WCAG AA ✓ Pass

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

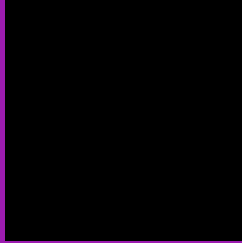
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9C1CB0 Background



This preview shows how black text looks on a background with the Hex color 9C1CB0.

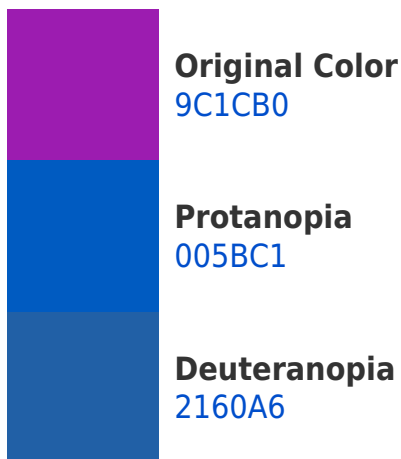


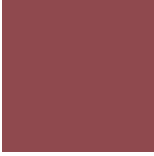
This preview shows how white text looks on a background with the Hex color 9C1CB0.

# 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**  
8F494E

# Trichromacy



**Original Color**  
9C1CB0



**Protanomaly**  
3944BB



**Deuteranomaly**  
4E47AA



**Tritanomaly**  
943972

# Monochromacy



**Original Color**  
9C1CB0



**Achromatopsia**  
535353



**Achromatomaly**  
6E3F75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C1CB0 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 #9C1CB0 looks like.

```
.text, #text, p{  
    color:#9C1CB0  
}
```

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 #9C1CB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C1CB0
}
```

## Border

The CSS property to change the border of an element to Hex 9C1CB0 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".

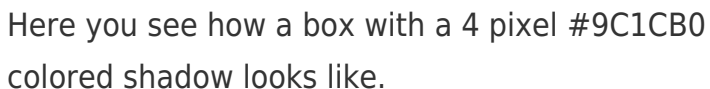
```
.border, #border, table{ border:4px solid
#9C1CB0 }
```

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

```
.border{ border-color:#9C1CB0 }
```

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

Here you see how a box with a 4 pixel #9C1CB0 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a thick purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C1CB0; -webkit-box-shadow:4px 4px  
4px 4px #9C1CB0; box-shadow:4px 4px 4px  
4px #9C1CB0 }
```

# Background

The CSS property to change the background color of an element to Hex 9C1CB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C1CB0 }
```

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

```
.background{ background-color:#9C1CB0 }
```

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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