

# Converting Colors

Hex(9B2EC9)

Have a look what the booklet for  
Hex(9B2EC9) contains.

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# Color

Hex(9B2EC9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B2EC9
RGB	155, 46, 201
RGB Percent	61%, 18%, 79%
CMY	0.3922, 0.8196, 0.2118
CMYK	0.23, 0.77, 0.00, 0.21
HSL	282°, 63%, 48%
HSV	282°, 77%, 79%
XYZ	25.0372, 13.1396, 56.4749
YIQ	96.2610, 15.2090, 71.3130

# Conversions

## Conversions Part 2

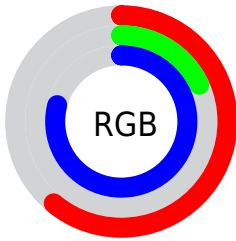
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 46, 201
Decimal	10170057
CIE <sub>Lab</sub>	42.97, 66.32, -59.02
CIE <sub>LCh</sub>	43, 88.779, 318.338
Yxy	13.1396, 0.2645, 0.1388
Android (android.graphics.Color)	4288360137 (0xFF9B2EC9)
YUV	96.2610, 51.6363, 51.5141
Hunter-Lab	36.2486, 59.8563, -66.9992

# Details

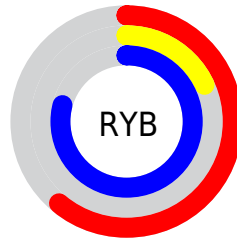
The Hex color **9B2EC9** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **5CC92E**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **D568FF**, and **620092** is the 20% darker color. If you saturate the color by 10%, you get **951AC9**, and if you desaturate by 10%, it is **A142C9**.

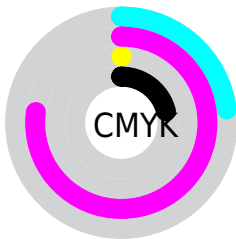
# Distribution



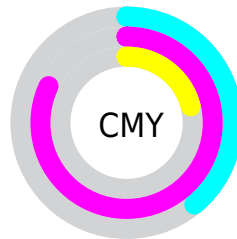
- Red (61%)
- Green (18%)
- Blue (79%)



- Red (61%)
- Yellow (18%)
- Blue (79%)



- Cyan (23%)
- Magenta (77%)
- Yellow (0%)
- Black (21%)



- Cyan (39%)
- Magenta (82%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B2EC9 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 9B2EC9 by changing the saturation by 10% instead.



9B2EC9

9B2EC9

FFFFFF

7E02AD

D568FF

620092

F384FF

460077

FFA0FF

29005E

FFBCFF

020045

FFD9FF

00032E

FFF7FF

000118

000000

9B2EC9

9B2EC9

■ 951AC9

■ A142C9

■ 8F06C9

■ A756C9

■ 8D00C9

■ AD6AC9

■ B37EC9

■ B993C9

■ BFA7C9

■ C5BBC9

■ CBCFC9

■ D1E3C9

# Harmonies

## Analogous

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



0060F4



9B2EC9



D40085

# Triad

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



9B2EC9



945800



008292

# Complementary

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



9B2EC9



5CC92E

# 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.



008045



9B2EC9



527000

# Square

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



9B2EC9



C42700



007B00



0081D4

# Rectangle

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



9B2EC9



DF0055



007B00



008179



# Sweetspot

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



9B2EC9



EEC4FF



2E5DC9



755C80



000000



808080



# Same Dimension

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



9B2EC9



B912FF



C92EAA



605A63



7300A3



190024



# Inverse Universe

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



C92E5C



FF1258



2EC94D



635A5C



A30030

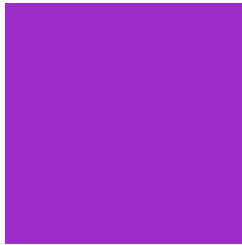


24000B



# Previews

## White Background



This preview shows how the Hex color 9B2EC9 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

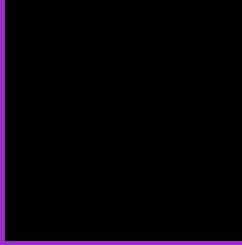
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9B2EC9 Background



This preview shows how black text looks on a background with the Hex color 9B2EC9.

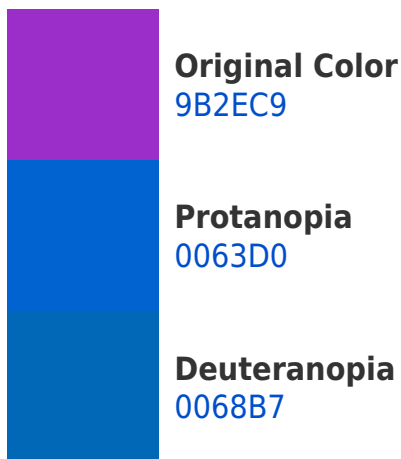


This preview shows how white text looks on a background with the Hex color 9B2EC9.

# 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](#).

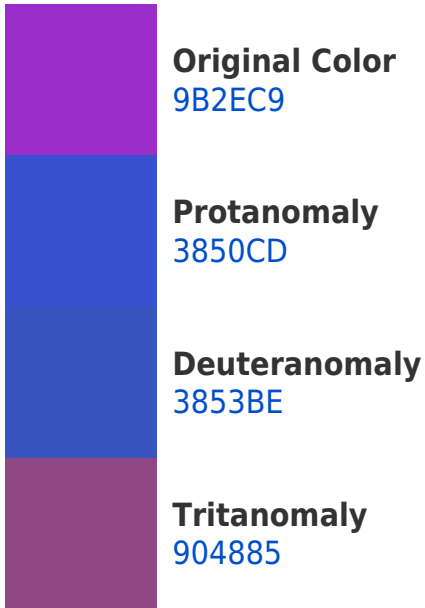
## Dichromacy



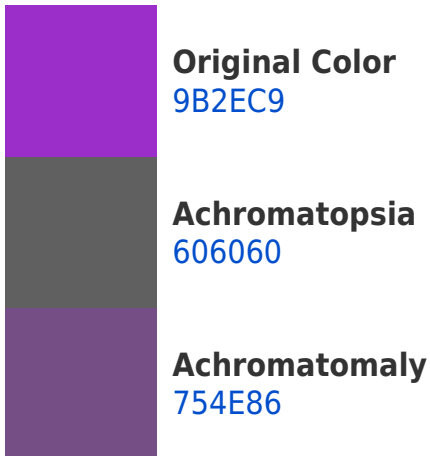


**Tritanopia**  
8A575E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B2EC9 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 #9B2EC9 looks like.

```
.text, #text, p{  
    color:#9B2EC9  
}
```

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 #9B2EC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B2EC9
}
```

## Border

The CSS property to change the border of an element to Hex 9B2EC9 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
#9B2EC9 }
```

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

```
.border{ border-color:#9B2EC9 }
```

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

Here you see how a box with a 4 pixel #9B2EC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B2EC9; -webkit-box-shadow:4px 4px  
4px 4px #9B2EC9; box-shadow:4px 4px 4px  
4px #9B2EC9 }
```

# Background

The CSS property to change the background color of an element to Hex 9B2EC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B2EC9 }
```

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

```
.background{ background-color:#9B2EC9 }
```

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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