

# Converting Colors

Hex(9C38E8)

Have a look what the booklet for  
Hex(9C38E8) contains.

<b>Hex(9C38E8)</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(9C38E8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C38E8
RGB	156, 56, 232
RGB Percent	61%, 22%, 91%
CMY	0.3882, 0.7804, 0.0902
CMYK	0.33, 0.76, 0.00, 0.09
HSL	274°, 79%, 56%
HSV	274°, 76%, 91%
XYZ	29.6900, 15.7225, 77.8138
YIQ	105.9640, 3.1040, 75.9360

# Conversions

## Conversions Part 2

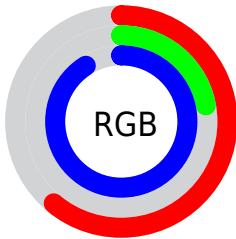
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">156, 56, 232</a>
Decimal	<a href="#">10238184</a>
CIELab	<a href="#">46.61, 69.39, -70.87</a>
CIElCh	<a href="#">47, 99.183, 314.398</a>
Yxy	<a href="#">15.7225, 0.2409, 0.1276</a>
Android (android.graphics.Color)	<a href="#">4288428264 (0xFF9C38E8)</a>
YUV	<a href="#">105.9640, 62.1357, 43.8816</a>
Hunter-Lab	<a href="#">39.6516, 64.2655, -88.5970</a>

# Details

The Hex color **9C38E8** 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 **84E838**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **D871FF**, and **6100AF** is the 20% darker color. If you saturate the color by 10%, you get **9221E8**, and if you desaturate by 10%, it is **A64FE8**.

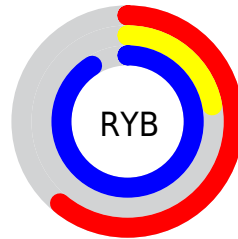
# Distribution



Red (61%)

Green (22%)

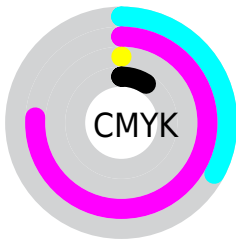
Blue (91%)



Red (61%)

Yellow (22%)

Blue (91%)

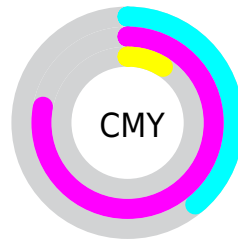


Cyan (33%)

Magenta (76%)

Yellow (0%)

Black (9%)



Cyan (39%)

Magenta (78%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C38E8 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 9C38E8 by changing the saturation by 10% instead.



 9C38E8

 9C38E8

FFFFFF

 7E15CB

 D871FF

 6100AF

 F68DFF

 420094

 FFA9FF

 1E0079

 FFC6FF

 00005F

 FFE3FF

 000046

 00042F

 000119

 000000

 9C38E8

 9C38E8

 9221E8

 A64FE8

 880AE8

 B066E8

 8400E8

 BA7EE8

 C495E8

 CEACE8

 D8C3E8

 E2DAE8

 ECF2E8

 F6FFE8

# Harmonies

## Analogous

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



006EFF



9C38E8



E6009E

# Triad

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



9C38E8



AA5A00



008E96

# Complementary

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



9C38E8



84E838

# 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.



008B3D



9C38E8



627800

# Square

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



9C38E8



DE0C00



008500



008DE4

# Rectangle

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



9C38E8



F60067



008500



008D79



# Sweetspot

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



9C38E8



E6C4FF



3884E8



705C80



000000



808080



# Same Dimension

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



9C38E8



9B17FF



E838DC



6E6773



6500B3



1D0033



# Inverse Universe

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



E83884



FF177B



38E844



73676C



B3004D

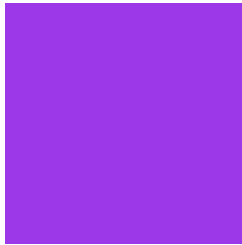


330016



# Previews

## White Background



This preview shows how the Hex color 9C38E8 looks on a white background.

## Color Contrast Check

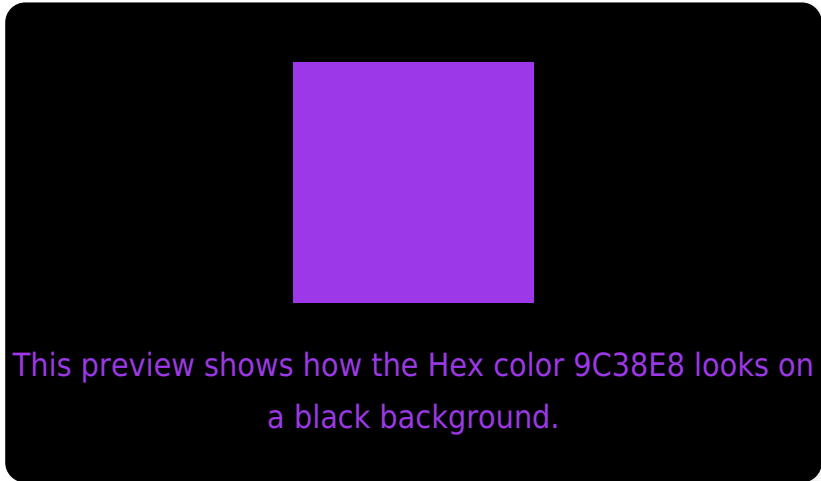
Large Text (above 18pt) WCAG AA ✓ Pass

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

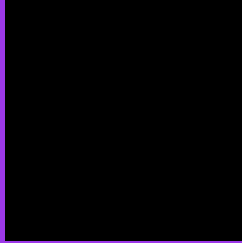
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9C38E8 Background



This preview shows how black text looks on a background with the Hex color 9C38E8.




This preview shows how white text looks on a background with the Hex color 9C38E8.

# 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](#).

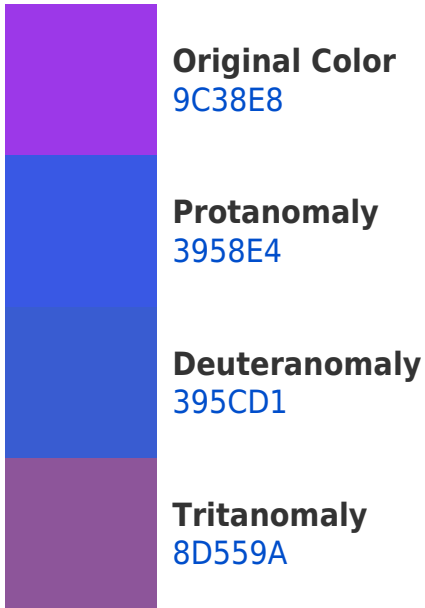
## Dichromacy



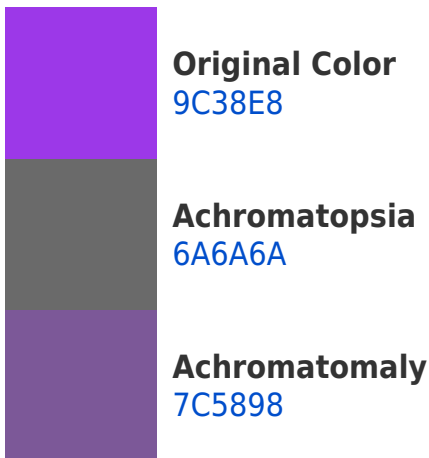


**Tritanopia**  
85666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C38E8 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 #9C38E8 looks like.

```
.text, #text, p{  
    color:#9C38E8  
}
```

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 #9C38E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C38E8
}
```

## Border

The CSS property to change the border of an element to Hex 9C38E8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

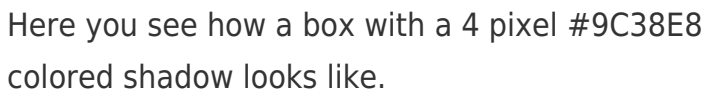
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C38E8 }
```

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

```
.border{ border-color:#9C38E8 }
```

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



Here you see how a box with a 4 pixel #9C38E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C38E8; -webkit-box-shadow:4px 4px  
4px 4px #9C38E8; box-shadow:4px 4px 4px  
4px #9C38E8 }
```

# Background

The CSS property to change the background color of an element to Hex 9C38E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C38E8 }
```

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

```
.background{ background-color:#9C38E8 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor