

Converting Colors

Hex(9F8BE8)

Have a look what the booklet for
Hex(9F8BE8) contains.

Hex(9F8BE8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9F8BE8)

Conversions

Conversions Part 1

Format	Color
Hex	9F8BE8
RGB	159, 139, 232
RGB Percent	62%, 55%, 91%
CMY	0.3765, 0.4549, 0.0902
CMYK	0.31, 0.40, 0.00, 0.09
HSL	253°, 67%, 73%
HSV	253°, 40%, 91%
XYZ	38.0962, 31.6624, 80.4475
YIQ	155.5820, -17.9330, 33.1630

Conversions

Conversions Part 2

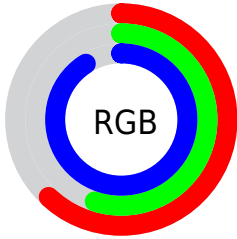
Format	Color
RYB	159, 139, 232
Decimal	10456040
CIELab	63.06, 27.86, -44.49
CIElCh	63, 52.497, 302.059
Yxy	31.6624, 0.2536, 0.2108
Android (android.graphics.Color)	4288646120 (0xFF9F8BE8)
YUV	155.5820, 37.6741, 2.9976
Hunter-Lab	56.2693, 22.3791, -45.3776

Details

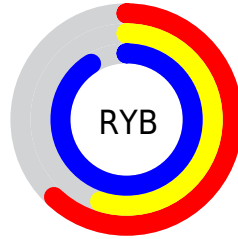
The Hex color **9F8BE8** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D4E88B**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D8C1FF**, and **6859B0** is the 20% darker color. If you saturate the color by 10%, you get **8D74E8**, and if you desaturate by 10%, it is **B1A2E8**.

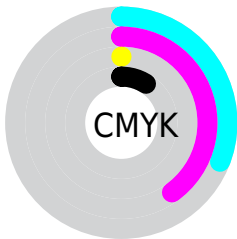
Distribution



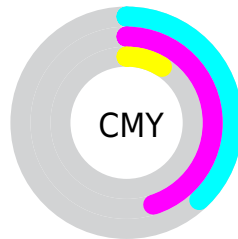
- Red (62%)
- Green (55%)
- Blue (91%)



- Red (62%)
- Yellow (55%)
- Blue (91%)



- Cyan (31%)
- Magenta (40%)
- Yellow (0%)
- Black (9%)



- Cyan (38%)
- Magenta (45%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F8BE8 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 9F8BE8 by changing the saturation by 10% instead.

 9F8BE8

 9F8BE8

FFFFFF

 8371CC

 D8C1FF

 6859B0

 F5DDFF

 4E4195

 FFF9FF

 332B7B

 141661

 000049

 000431

 00011C

 000000

 9F8BE8

 9F8BE8

 8D74E8

 B1A2E8

 7B5DE8

 C3B9E8

 6845E8

 D6D1E8

 562EE8

 E8E8E8

 4417E8

 FAFFE8

 3200E8

 FFFF8E8

Harmonies

Analogous

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



3E9DF6



9F8BE8



D479C5

Triad

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



9F8BE8



D58646



00B09A

Complementary

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



9F8BE8



D4E88B

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.



3EAC6B



9F8BE8



B09736

Square

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



9F8BE8



EC766A



80A445



00AFC9

Rectangle

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



9F8BE8



E871A7



80A445



00AF8A

Sweetspot

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



9F8BE8



E7E0FF



8BD5E8



716E80



000000



808080

Same Dimension

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



9F8BE8



9F85FF



CC8BE8



6A6773



2600B3



0B0033

Inverse Universe

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



E88BD4



FF85E5



A7E88B



736770



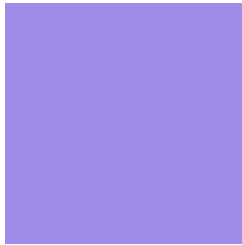
B3008C



330028

Previews

White Background



This preview shows how the Hex color 9F8BE8 looks on a white background.

Color Contrast Check

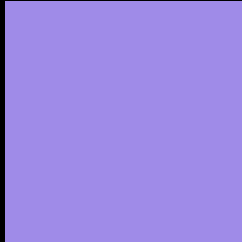
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 9F8BE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

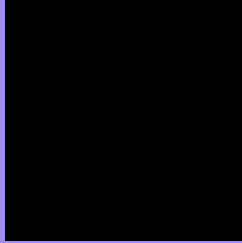
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 9F8BE8 Background



This preview shows how black text looks on a background with the Hex color 9F8BE8.

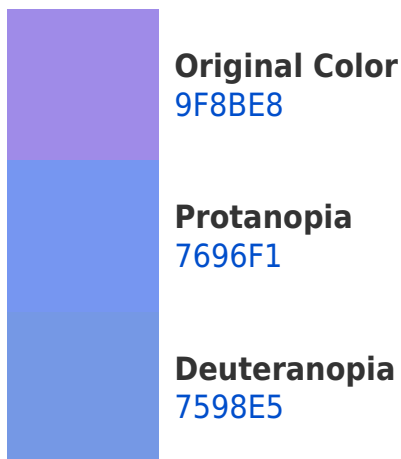


This preview shows how white text looks on a background with the Hex color 9F8BE8.

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](#).

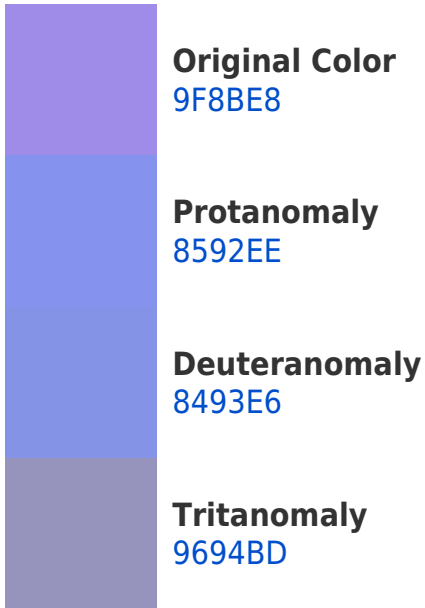
Dichromacy



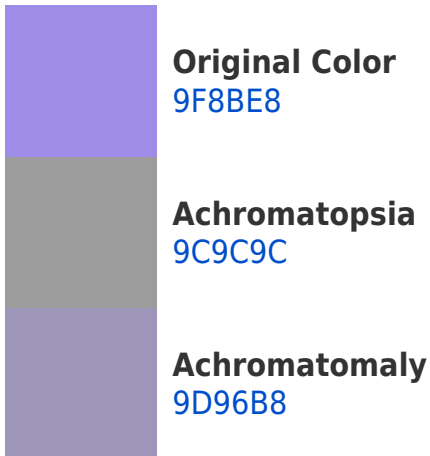


Tritanopia
9199A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9F8BE8 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 #9F8BE8 looks like.

```
.text, #text, p{  
    color:#9F8BE8  
}
```

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 #9F8BE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F8BE8  
}
```

Border

The CSS property to change the border of an element to Hex 9F8BE8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

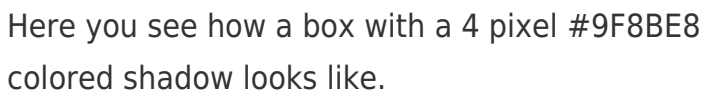
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9F8BE8 }
```

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

```
.border{ border-color:#9F8BE8 }
```

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



Here you see how a box with a 4 pixel #9F8BE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F8BE8; -webkit-box-shadow:4px 4px  
4px 4px #9F8BE8; box-shadow:4px 4px 4px  
4px #9F8BE8 }
```

Background

The CSS property to change the background color of an element to Hex 9F8BE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F8BE8 }
```

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

```
.background{ background-color:#9F8BE8 }
```

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