

# Converting Colors

Hex(9B8EE3)

Have a look what the booklet for  
Hex(9B8EE3) contains.

<b>Hex(9B8EE3)</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(9B8EE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B8EE3
RGB	155, 142, 227
RGB Percent	61%, 56%, 89%
CMY	0.3922, 0.4431, 0.1098
CMYK	0.32, 0.37, 0.00, 0.11
HSL	249°, 60%, 72%
HSV	249°, 37%, 89%
XYZ	37.0557, 31.8606, 76.8697
YIQ	155.5770, -19.5370, 29.1910

# Conversions

## Conversions Part 2

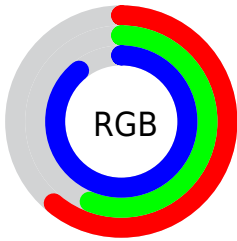
Format	Color
R <sub>Y</sub> B	155, 142, 227
Decimal	10194659
CIE Lab	63.23, 23.77, -41.49
CIE LCh	63, 47.812, 299.809
Yxy	31.8606, 0.2542, 0.2185
Android (android.graphics.Color)	4288384739 (0xFF9B8EE3)
YUV	155.5770, 35.2115, -0.5060
Hunter-Lab	56.4452, 18.4043, -41.2322

# Details

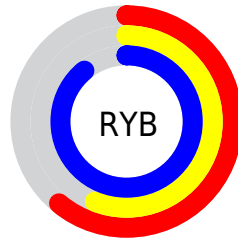
The Hex color **9B8EE3** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D6E38E**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D3C4FF**, and **655CAB** is the 20% darker color. If you saturate the color by 10%, you get **8877E3**, and if you desaturate by 10%, it is **AEA5E3**.

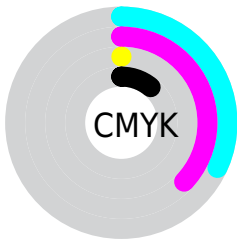
# Distribution



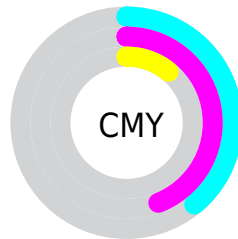
- Red (61%)
- Green (56%)
- Blue (89%)



- Red (61%)
- Yellow (56%)
- Blue (89%)



- Cyan (32%)
- Magenta (37%)
- Yellow (0%)
- Black (11%)



- Cyan (39%)
- Magenta (44%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B8EE3 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 9B8EE3 by changing the saturation by 10% instead.



9B8EE3

9B8EE3

FFFFFF

8074C7

D3C4FF

655CAB

F0E0FF

4A4490

FFFCFF

302E76

11195D

000045

00042E

000118

000000

9B8EE3

9B8EE3

8877E3

AEA5E3

7561E3

C1BBE3

614AE3

D5D2E3

4E33E3

E8E9E3

3B1DE3

FBFFE3

2806E3

FFFFE3

2300E3

# Harmonies

## Analogous

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



489EEE



9B8EE3



CD7EC4

# Triad

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



9B8EE3



D48750



00AE97

# Complementary

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



9B8EE3



D6E38E

# 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.



50AB6D



9B8EE3



B29741

# Square

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



9B8EE3



E77971



87A34C



00AEC2

# Rectangle

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



9B8EE3



E076A9



87A34C



00AE89



# Sweetspot

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



9B8EE3



E7E3FF



8ED6E3



716F80



000000



808080



# Same Dimension

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



9B8EE3



9E8CFF



C58EE3



696773



1B00B3



080033



# Inverse Universe

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



E38ED6



FF8CED



ACE38E



736771



B30097

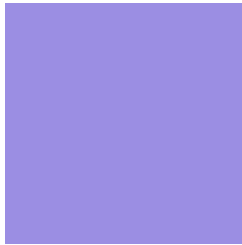


33002B



# Previews

## White Background



This preview shows how the Hex color 9B8EE3 looks on a white background.

## Color Contrast Check

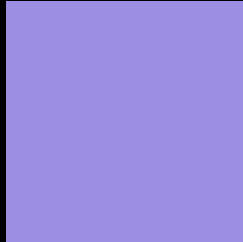
Large Text (above 18pt) WCAG AA × Fail

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 9B8EE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

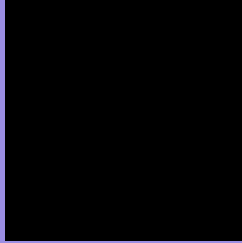
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9B8EE3 Background



This preview shows how black text looks on a background with the Hex color 9B8EE3.

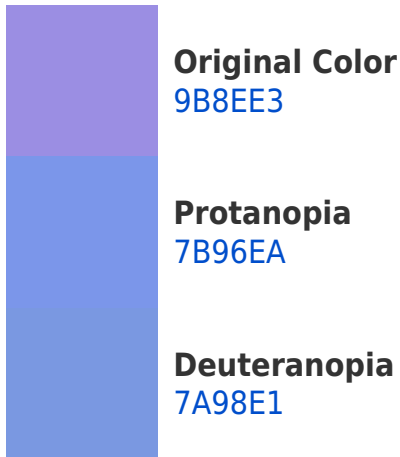


This preview shows how white text looks on a background with the Hex color 9B8EE3.

# 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](#).

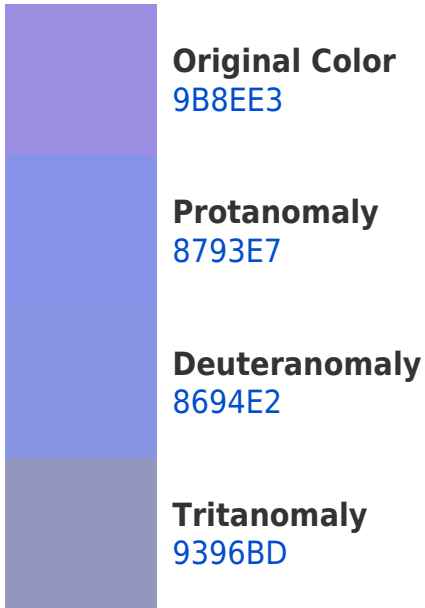
## Dichromacy



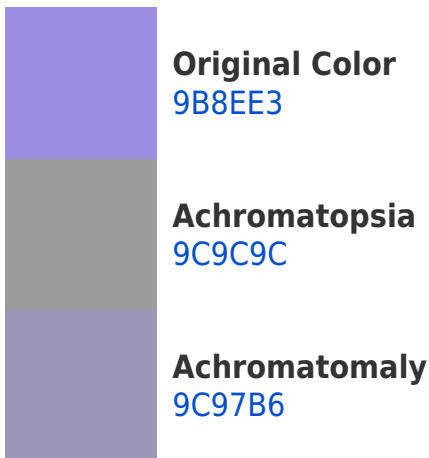


**Tritanopia**  
8E9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B8EE3 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 #9B8EE3 looks like.

```
.text, #text, p{  
    color:#9B8EE3  
}
```

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 #9B8EE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B8EE3  
}
```

## Border

The CSS property to change the border of an element to Hex 9B8EE3 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  
#9B8EE3 }
```

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

```
.border{ border-color:#9B8EE3 }
```

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

Here you see how a box with a 4 pixel #9B8EE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B8EE3; -webkit-box-shadow:4px 4px  
4px 4px #9B8EE3; box-shadow:4px 4px 4px  
4px #9B8EE3 }
```

# Background

The CSS property to change the background color of an element to Hex 9B8EE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B8EE3 }
```

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

```
.background{ background-color:#9B8EE3 }
```

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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