

# Converting Colors

Hex(9EE1FA)

Have a look what the booklet for  
Hex(9EE1FA) contains.

|  |    |
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# **Color**

**Hex(9EE1FA)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 9EE1FA                      |
| RGB         | 158, 225, 250               |
| RGB Percent | 62%, 88%, 98%               |
| CMY         | 0.3804, 0.1176, 0.0196      |
| CMYK        | 0.37, 0.10, 0.00, 0.02      |
| HSL         | 196°, 90%, 80%              |
| HSV         | 196°, 37%, 98%              |
| XYZ         | 58.2811, 68.0217, 100.5002  |
| YIQ         | 207.8170, -47.9570, -6.4290 |

# Conversions

## Conversions Part 2

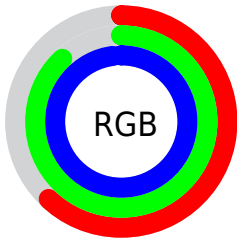
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 158, 197, 250                  |
| Decimal                             | 10412538                       |
| CIE Lab                             | 86.02, -14.95, -18.84          |
| CIE LCh                             | 86, 24.048, 231.569            |
| Yxy                                 | 68.0217, 0.2570,<br>0.2999     |
| Android<br>(android.graphics.Color) | 4288602618<br>(0xFF9EE1FA)     |
| YUV                                 | 207.8170, 20.7962,<br>-43.6895 |
| Hunter-Lab                          | 82.4752, -18.1947,<br>-14.5152 |

# Details

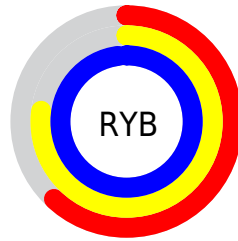
The Hex color **9EE1FA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **FAB79E**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **D7FFFF**, and **66AAC1** is the 20% darker color. If you saturate the color by 10%, you get **85DAFA**, and if you desaturate by 10%, it is **B7E8FA**.

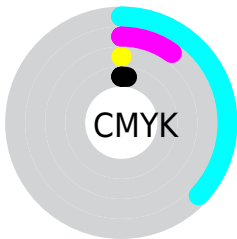
# Distribution



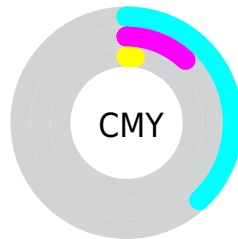
- Red (62%)
- Green (88%)
- Blue (98%)



- Red (62%)
- Yellow (77%)
- Blue (98%)



- Cyan (37%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)



- Cyan (38%)
- Magenta (12%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EE1FA 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 9EE1FA by changing the saturation by 10% instead.



 9EE1FA

 9EE1FA

FFFFFF

 82C5DD

 D7FFFF

 66AAC1

 F5FFFF

 4A8FA6

 2D758C

 025D72

 00455A

 002F42

 001B2C

 000117

■ 9EE1FA

■ 9EE1FA

■ 85DAFA

■ B7E8FA

■ 6CD3FA

■ D0E9FA

■ 53CDFA

■ E9F5FA

■ 3AC6FA

■ FFFCFA

■ 21BFFA

■ FFFFFA

■ 08B8FA

■ 00B6FA

# Harmonies

## Analogous

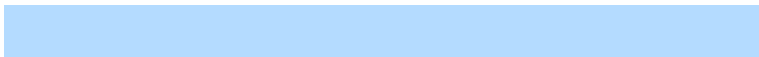
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



99E4E7



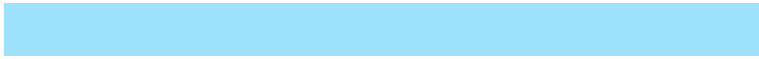
9EE1FA



B4DBFF

# Triad

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



9EE1FA



FFC8DF



D7DBAD

# Complementary

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



9EE1FA



FAB79E

# 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.



EFD3AA



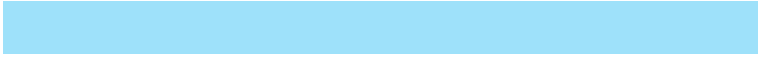
9EE1FA



FFC8C7

# Square

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



9EE1FA



EECCF4



FFCCB4



BDE1BA

# Rectangle

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



9EE1FA



C8D6FF



FFCCB4



DFD8AB

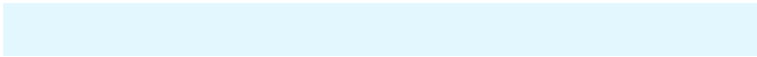


# Sweetspot

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



9EE1FA



E3F7FF



9EFAB7



6F7B80



000000



808080

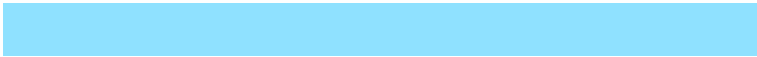


# Same Dimension

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



9EE1FA



8FE1FF



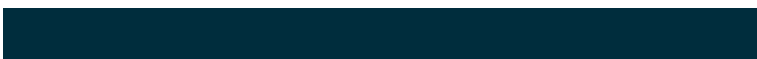
9EB3FA



707A7D



0089BD



002D3D



# Inverse Universe

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



FA9EE1



FF8FE1



FAE59E



7D707A



BD0089

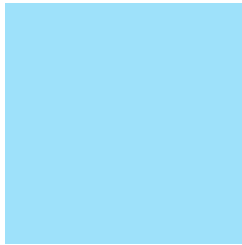


3D002D



# Previews

## White Background



This preview shows how the Hex color 9EE1FA looks on a white background.

## Color Contrast Check

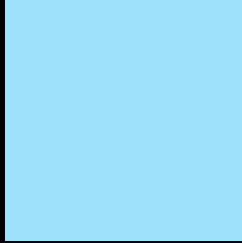
Large Text (above 18pt) WCAG AA × Fail

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 9EE1FA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

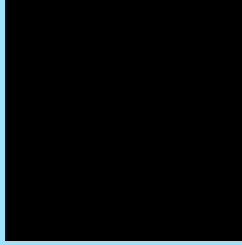
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9EE1FA Background



This preview shows how black text looks on a background with the Hex color 9EE1FA.

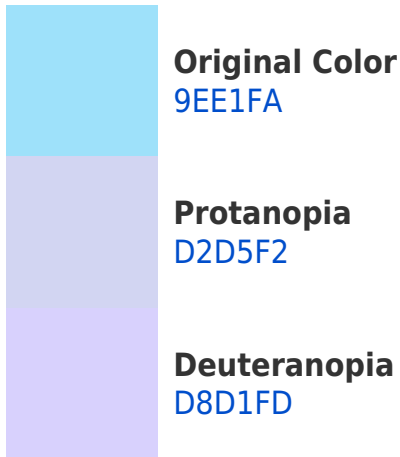


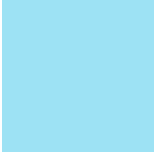
This preview shows how white text looks on a background with the Hex color 9EE1FA.

# 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](#).

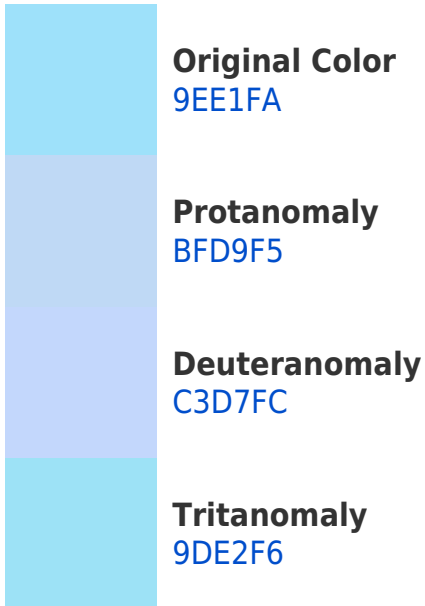
## Dichromacy



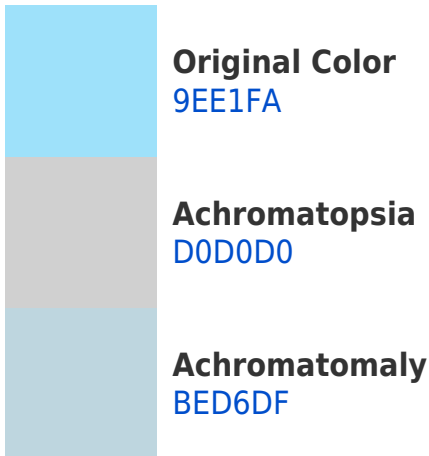


**Tritanopia**  
9DE2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EE1FA 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 #9EE1FA looks like.

```
.text, #text, p{  
    color:#9EE1FA  
}
```

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 #9EE1FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EE1FA
}
```

## Border

The CSS property to change the border of an element to Hex 9EE1FA 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
#9EE1FA }
```

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

```
.border{ border-color:#9EE1FA }
```

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

Here you see how a box with a 4 pixel #9EE1FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EE1FA; -webkit-box-shadow:4px 4px  
4px 4px #9EE1FA; box-shadow:4px 4px 4px  
4px #9EE1FA }
```

# Background

The CSS property to change the background color of an element to Hex 9EE1FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EE1FA }
```

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

```
.background{ background-color:#9EE1FA }
```

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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