

# Converting Colors

Hex(9D8DFF)

Have a look what the booklet for  
Hex(9D8DFF) contains.

<b>Hex(9D8DFF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9D8DFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D8DFF
RGB	157, 141, 255
RGB Percent	62%, 55%, 100%
CMY	0.3843, 0.4471, 0.0000
CMYK	0.38, 0.45, 0.00, 0.00
HSL	248°, 100%, 78%
HSV	248°, 45%, 100%
XYZ	41.4795, 33.4379, 98.8757
YIQ	158.7800, -27.0580, 38.8460

# Conversions

## Conversions Part 2

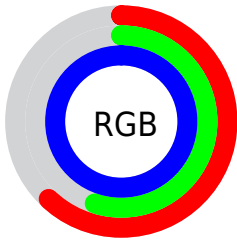
Format	Color
<a href="#">RYB</a>	<a href="#">157, 141, 255</a>
Decimal	<a href="#">10325503</a>
CIELab	<a href="#">64.51, 32.22, -54.86</a>
CIELCh	<a href="#">65, 63.618, 300.424</a>
Yxy	<a href="#">33.4379, 0.2387, 0.1924</a>
Android (android.graphics.Color)	<a href="#">4288515583 (0xFF9D8DFF)</a>
YUV	<a href="#">158.7800, 47.4365, -1.5611</a>
Hunter-Lab	<a href="#">57.8255, 26.8475, -60.9021</a>

# Details

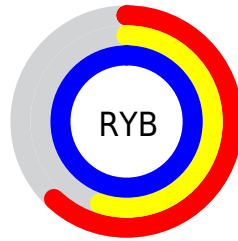
The Hex color **9D8DFF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFFF8D**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D7C3FF**, and **645BC6** is the 20% darker color. If you saturate the color by 10%, you get **8774FF**, and if you desaturate by 10%, it is **B3A7FF**.

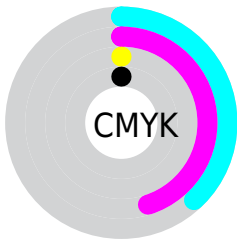
# Distribution



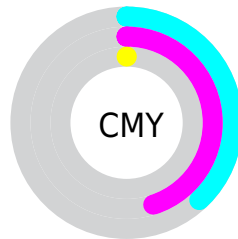
- Red (62%)
- Green (55%)
- Blue (100%)



- Red (62%)
- Yellow (55%)
- Blue (100%)



- Cyan (38%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (45%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D8DFF 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 9D8DFF by changing the saturation by 10% instead.



 9D8DFF

 9D8DFF

FFFFFF

 8173E2

 D7C3FF

 645BC6

 F5DFFF

 4743AA

 FFFBFF

 282C8F

 001775

 00025B

 000143

 00032C

 000116

 9D8DFF

 9D8DFF

 8774FF

 B3A7FF

 715AFF

 C9C0FF

 5B41FF

 DFDAFF

 4527FF

 F5F3FF

 2F0EFF

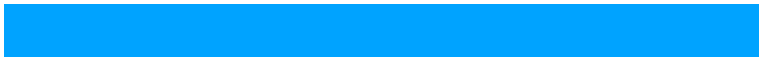
FFFFFF

 2400FF

# Harmonies

## Analogous

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



00A3FF



9D8DFF



E174D5

# Triad

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



9D8DFF



E58437



00B79C

# Complementary

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



9D8DFF



FFFF8D

# 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.



1FB361



9D8DFF



B99A1A

# Square

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



9D8DFF



FF6E66



80AA31



00B7D5

# Rectangle

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



9D8DFF



FA68B1



80AA31



00B688



# Sweetspot

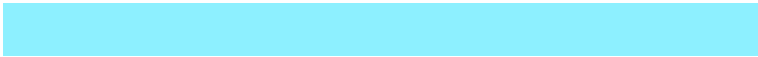
The Sweet Spot groups the original color and five complimentary colors.



9D8DFF



E3DEFF



8DF0FF



6E6B80



000000



808080



# Same Dimension

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



9D8DFF



8975FF



D58DFF



757380



1B00BF



090040



# Inverse Universe

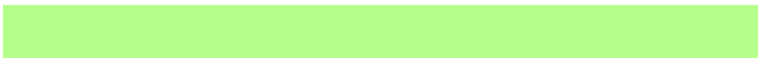
The Inverse Universe completely reimagines the original color for something new.



FF8DEF



FF75EC



B7FF8D



80737E



BF00A4

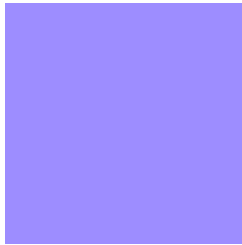


400037



# Previews

## White Background



This preview shows how the Hex color 9D8DFF looks on a white background.

## Color Contrast Check

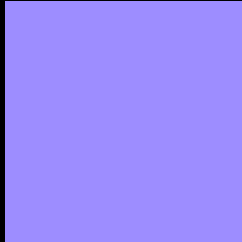
Large Text (above 18pt) WCAG AA × Fail

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 9D8DFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

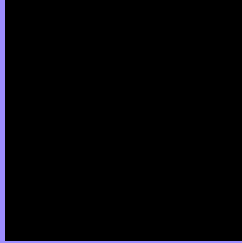
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9D8DFF Background



This preview shows how black text looks on a background with the Hex color 9D8DFF.



This preview shows how white text looks on a background with the Hex color 9D8DFF.

# 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](#).

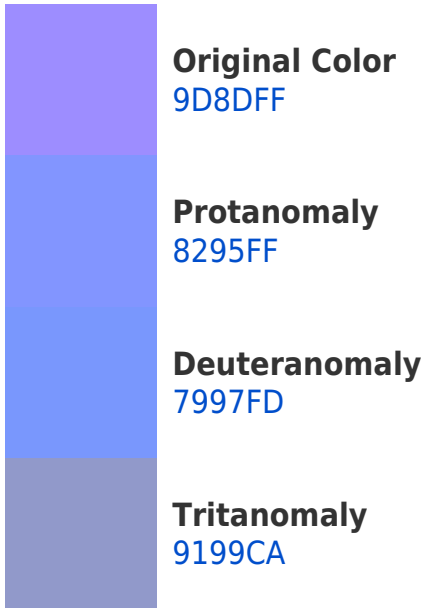
## Dichromacy



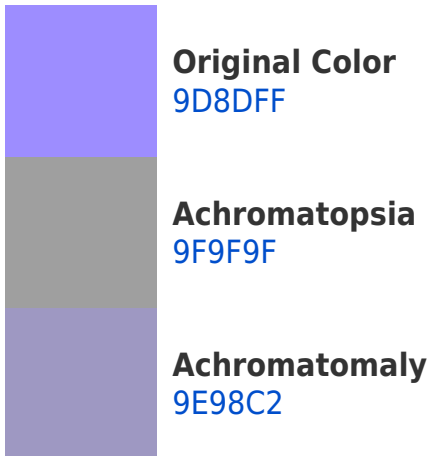


**Tritanopia**  
8AA0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D8DFF 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 #9D8DFF looks like.

```
.text, #text, p{  
    color:#9D8DFF  
}
```

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 #9D8DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D8DFF
}
```

## Border

The CSS property to change the border of an element to Hex 9D8DFF 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
#9D8DFF }
```

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

```
.border{ border-color:#9D8DFF }
```

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

Here you see how a box with a 4 pixel #9D8DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D8DFF; -webkit-box-shadow:4px 4px  
4px 4px #9D8DFF; box-shadow:4px 4px 4px  
4px #9D8DFF }
```

# Background

The CSS property to change the background color of an element to Hex 9D8DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D8DFF }
```

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

```
.background{ background-color:#9D8DFF }
```

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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