

# Converting Colors

Hex(9D9EFF)

Have a look what the booklet for  
Hex(9D9EFF) contains.

<b>Hex(9D9EFF)</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(9D9EFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D9EFF
RGB	157, 158, 255
RGB Percent	62%, 62%, 100%
CMY	0.3843, 0.3804, 0.0000
CMYK	0.38, 0.38, 0.00, 0.00
HSL	239°, 100%, 81%
HSV	239°, 38%, 100%
XYZ	44.1815, 38.8418, 99.7763
YIQ	168.7590, -31.7330, 29.9550

# Conversions

## Conversions Part 2

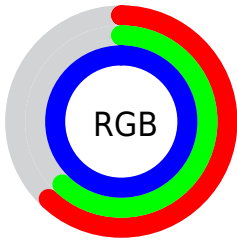
Format	Color
<a href="#">RYB</a>	<a href="#">157, 158, 255</a>
Decimal	<a href="#">10329855</a>
CIELab	<a href="#">68.64, 22.51, -48.34</a>
CIELCh	<a href="#">69, 53.320, 294.969</a>
Yxy	<a href="#">38.8418, 0.2417, 0.2125</a>
Android (android.graphics.Color)	<a href="#">4288519935</a> ( <a href="#">0xFF9D9EFF</a> )
YUV	<a href="#">168.7590, 42.5168, -10.3126</a>
Hunter-Lab	<a href="#">62.3232, 17.4747, -51.2941</a>

# Details

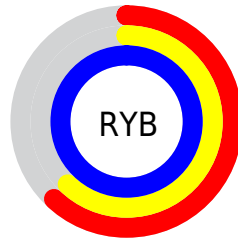
The Hex color **9D9EFF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFFE9D**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D6D5FF**, and **656BC6** is the 20% darker color. If you saturate the color by 10%, you get **8485FF**, and if you desaturate by 10%, it is **B7B7FF**.

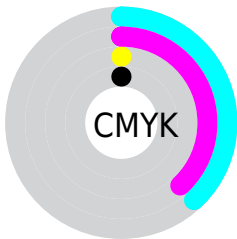
# Distribution



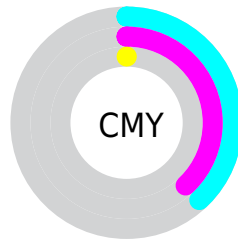
- Red (62%)
- Green (62%)
- Blue (100%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D9EFF 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 9D9EFF by changing the saturation by 10% instead.



 9D9EFF

 9D9EFF

FFFFFF

 8184E2

 D6D5FF

 656BC6

 F4F1FF

 4953AA

 2A3C8F

 002675

 00135C

 000044

 00032D

 000117

 9D9EFF

 9D9EFF

 8485FF

 B7B7FF

 6A6CFF

 D0D0FF

 5152FF

 EAEAFF

 3739FF

FFFFFF

 1D20FF

 0407FF

 0003FF

# Harmonies

## Analogous

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



25AFFF



9D9EFF



DB8BDF

# Triad

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



9D9EFF



EE9059



00BF9D

# Complementary

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



9D9EFF



FFFE9D

# 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.



5FBA6E



9D9EFF



CAA244

# Square

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



9D9EFF



FF8181



9BB14C



00BFCF

# Rectangle

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



9D9EFF



F481C2



9BB14C



0EBE8D



# Sweetspot

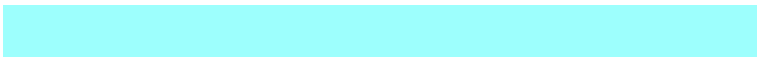
The Sweet Spot groups the original color and five complimentary colors.



9D9EFF



E0E1FF



9DFFFD



6E6E80



000000



808080



# Same Dimension

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



9D9EFF



8A8BFF



CC9DFF



737380



0002BF



000140



# Inverse Universe

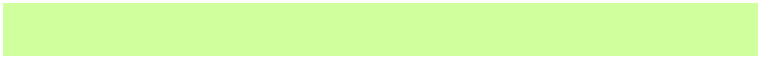
The Inverse Universe completely reimagines the original color for something new.



FF9D9E



FF8A8B



D0FF9D



807373



BF0002

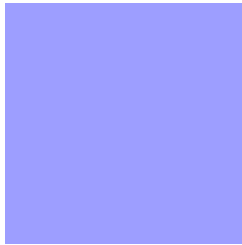


400001



# Previews

## White Background



This preview shows how the Hex color 9D9EFF looks on a white background.

## Color Contrast Check

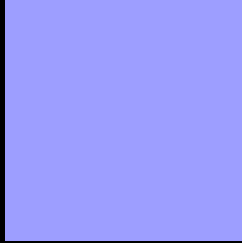
Large Text (above 18pt) WCAG AA × Fail

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 9D9EFF 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 9D9EFF Background



This preview shows how black text looks on a background with the Hex color 9D9EFF.

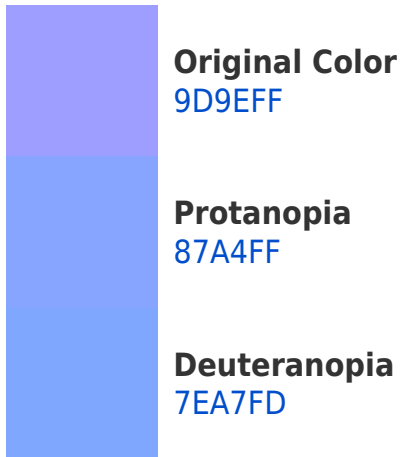


This preview shows how white text looks on a background with the Hex color 9D9EFF.

# Color Blindness Simulation

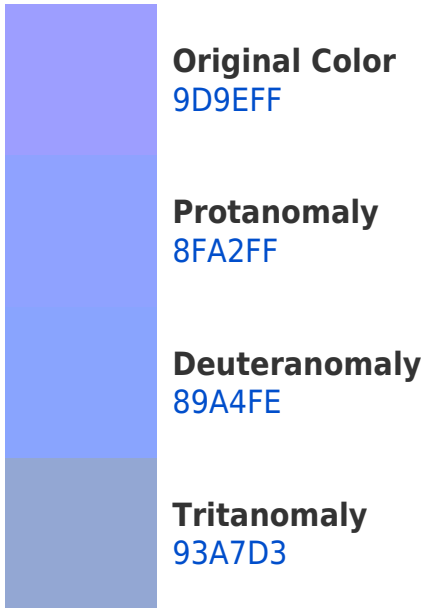
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

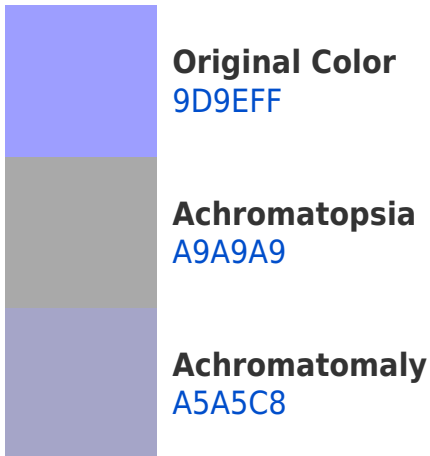




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D9EFF 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 #9D9EFF looks like.

```
.text, #text, p{  
    color:#9D9EFF  
}
```

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 #9D9EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D9EFF
}
```

## Border

The CSS property to change the border of an element to Hex 9D9EFF 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
#9D9EFF }
```

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

```
.border{ border-color:#9D9EFF }
```

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

Here you see how a box with a 4 pixel #9D9EFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D9EFF; -webkit-box-shadow:4px 4px  
4px 4px #9D9EFF; box-shadow:4px 4px 4px  
4px #9D9EFF }
```

# Background

The CSS property to change the background color of an element to Hex 9D9EFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D9EFF }
```

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

```
.background{ background-color:#9D9EFF }
```

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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