

# Converting Colors

Hex(9DE5FF)

Have a look what the booklet for  
Hex(9DE5FF) contains.

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# **Color**

**Hex(9DE5FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DE5FF
RGB	157, 229, 255
RGB Percent	62%, 90%, 100%
CMY	0.3843, 0.1020, 0.0000
CMYK	0.38, 0.10, 0.00, 0.00
HSL	196°, 100%, 81%
HSV	196°, 38%, 100%
XYZ	59.9739, 70.4267, 105.0405
YIQ	210.4360, -51.2580, -7.1780

# Conversions

## Conversions Part 2

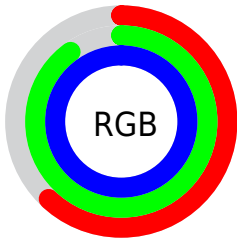
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 199, 255
Decimal	10348031
CIELab	87.21, -16.00, -19.68
CIELCh	87, 25.360, 230.892
Yxy	70.4267, 0.2547, 0.2991
Android (android.graphics.Color)	4288538111 (0xFF9DE5FF)
YUV	210.4360, 21.9701, -46.8634
Hunter-Lab	83.9206, -19.2959, -15.4668

# Details

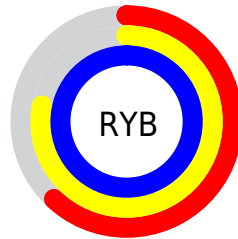
The Hex color **9DE5FF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **FFB79D**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **D7FFFF**, and **65ADC6** is the 20% darker color. If you saturate the color by 10%, you get **84DEFF**, and if you desaturate by 10%, it is **B7ECFF**.

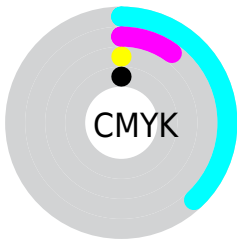
# Distribution



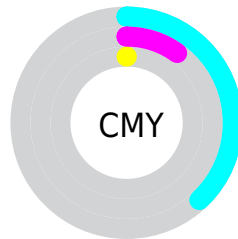
- Red (62%)
- Green (90%)
- Blue (100%)



- Red (62%)
- Yellow (78%)
- Blue (100%)



- Cyan (38%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (10%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DE5FF 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 9DE5FF by changing the saturation by 10% instead.



 9DE5FF

 9DE5FF

FFFFFF

 81C9E2

 D7FFFF

 65ADC6

 F4FFFF

 4893AB

 297990

 006077

 00485E

 003246

 001D30

 00011B

 9DE5FF

 9DE5FF

 84DEFF

 B7ECFF

 6AD7FF

 D0F3FF

 51D1FF

 EAF9FF

 37CAFF

FFFFFF

 1DC3FF

 04BCFF

 00BBFF

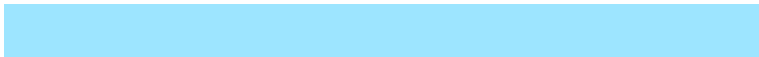
# Harmonies

## Analogous

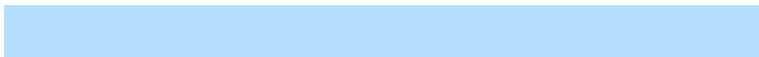
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98E8EB



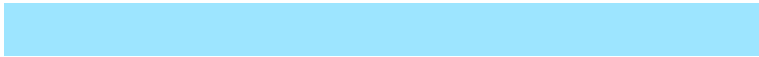
9DE5FF



B5DFFF

# Triad

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



9DE5FF



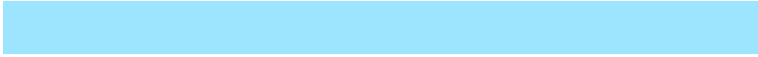
FFCAE3



DBDEAD

# Complementary

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



9DE5FF



FFB79D

# 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.



F4D6AB



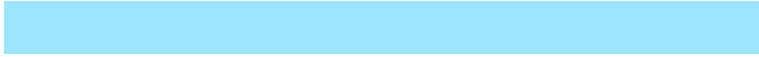
9DE5FF



FFCACA

# Square

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



9DE5FF



F3CFF9



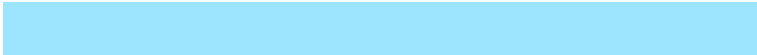
FFCFB6



BFE4BB

# Rectangle

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



9DE5FF



CADAFF



FFCFB6

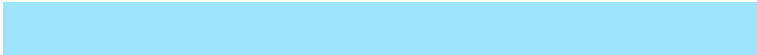


E4DCAB



# Sweetspot

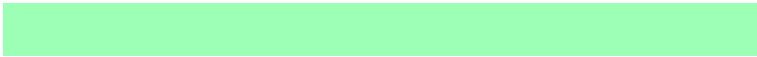
The Sweet Spot groups the original color and five complimentary colors.



9DE5FF



E0F7FF



9DFFB6



6E7B80



000000

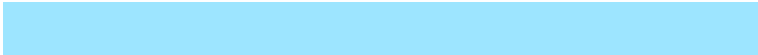


808080



# Same Dimension

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



9DE5FF



8AE0FF



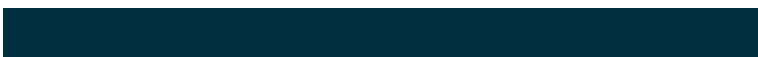
9DB6FF



737C80



008DBF



002F40



# Inverse Universe

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



FF9DE5



FF8AE0



FFE79D



80737C



BF008D

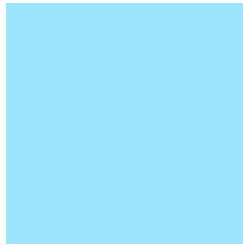


40002F



# Previews

## White Background



This preview shows how the Hex color 9DE5FF looks on a white background.

## Color Contrast Check

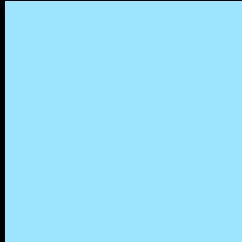
Large Text (above 18pt) WCAG AA × Fail

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 9DE5FF 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 9DE5FF Background



This preview shows how black text looks on a background with the Hex color 9DE5FF.

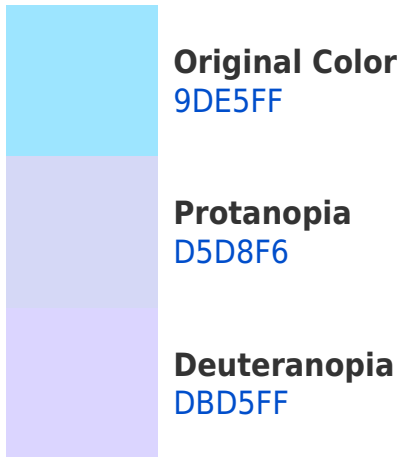


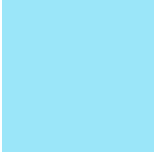
This preview shows how white text looks on a background with the Hex color 9DE5FF.

# 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](#).

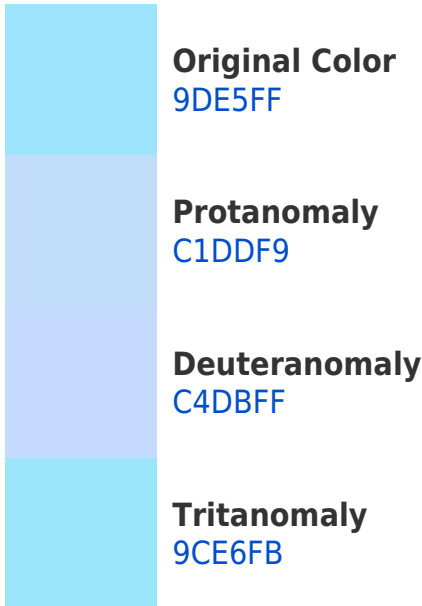
## Dichromacy



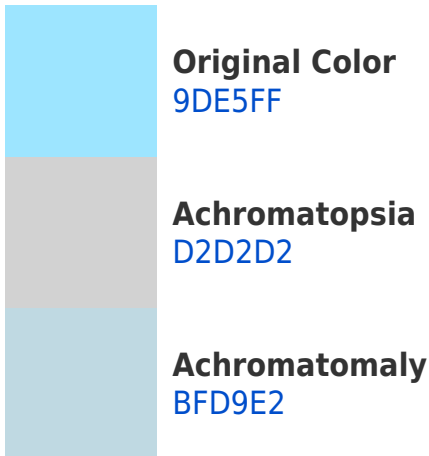


**Tritanopia**  
9BE6F9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DE5FF 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 #9DE5FF looks like.

```
.text, #text, p{  
    color:#9DE5FF  
}
```

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 #9DE5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DE5FF
}
```

## Border

The CSS property to change the border of an element to Hex 9DE5FF 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
#9DE5FF }
```

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

```
.border{ border-color:#9DE5FF }
```

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

Here you see how a box with a 4 pixel #9DE5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DE5FF; -webkit-box-shadow:4px 4px  
4px 4px #9DE5FF; box-shadow:4px 4px 4px  
4px #9DE5FF }
```

# Background

The CSS property to change the background color of an element to Hex 9DE5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DE5FF }
```

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

```
.background{ background-color:#9DE5FF }
```

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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