

Converting Colors

Hex(9DE3FF)

Have a look what the booklet for
Hex(9DE3FF) contains.

Hex(9DE3FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9DE3FF)

Conversions

Conversions Part 1

Format	Color
Hex	9DE3FF
RGB	157, 227, 255
RGB Percent	62%, 89%, 100%
CMY	0.3843, 0.1098, 0.0000
CMYK	0.38, 0.11, 0.00, 0.00
HSL	197°, 100%, 81%
HSV	197°, 38%, 100%
XYZ	59.4237, 69.3263, 104.8571
YIQ	209.2620, -50.7080, -6.1320

Conversions

Conversions Part 2

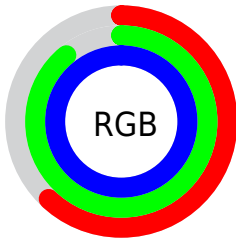
Format	Color
R _Y B	157, 198, 255
Decimal	10347519
CIE Lab	86.67, -14.98, -20.49
CIE LCh	87, 25.387, 233.831
Yxy	69.3263, 0.2544, 0.2968
Android (android.graphics.Color)	4288537599 (0xFF9DE3FF)
YUV	209.2620, 22.5488, -45.8338
Hunter-Lab	83.2624, -18.3152, -16.3836

Details

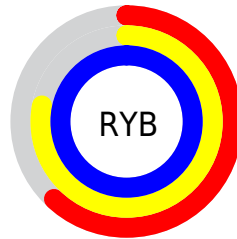
The Hex color **9DE3FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFB99D**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **D7FFFF**, and **65ACC6** is the 20% darker color. If you saturate the color by 10%, you get **84DCFF**, and if you desaturate by 10%, it is **B7EAFF**.

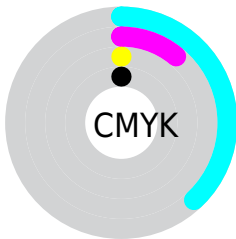
Distribution



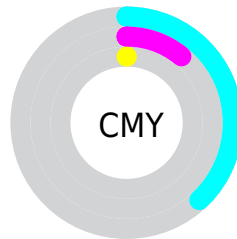
- Red (62%)
- Green (89%)
- Blue (100%)



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



- Cyan (38%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DE3FF 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 9DE3FF by changing the saturation by 10% instead.

 9DE3FF

 9DE3FF

FFFFFF

 81C7E2

 D7FFFF

 65ACC6

 F4FFFF

 4891AB

 2A7790

 005E77

 00475E

 003046

 001C30

 00011B

 9DE3FF

 9DE3FF

 84DCFF

 B7EAFF

 6AD4FF

 D0F2FF

 51CDFF

 EAF9FF

 37C6FF

FFFFFF

 1DBFFF

 04B7FF

 00B6FF

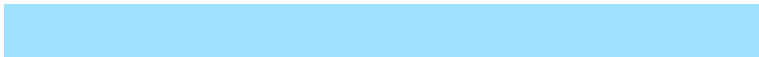
Harmonies

Analogous

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



96E6EB



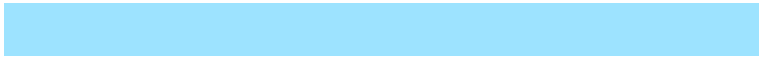
9DE3FF



B6DDFF

Triad

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



9DE3FF



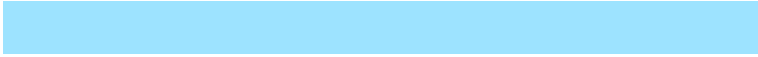
FFC8DF



D7DDAD

Complementary

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



9DE3FF



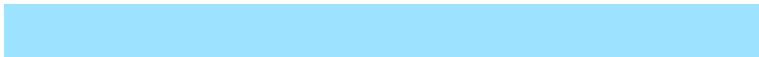
FFB99D

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.



F0D6A9



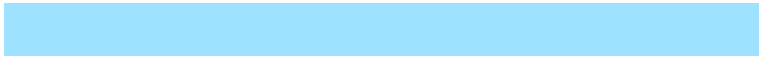
9DE3FF



FFC9C7

Square

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



9DE3FF



F3CDF6



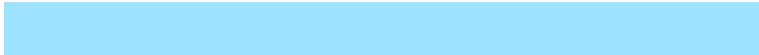
FFCEB3



BBE3BC

Rectangle

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



9DE3FF



CCD7FF



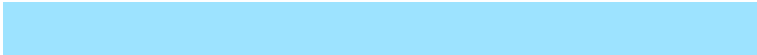
FFCEB3



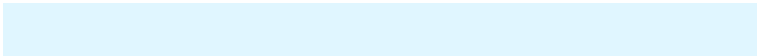
E0DBAA

Sweetspot

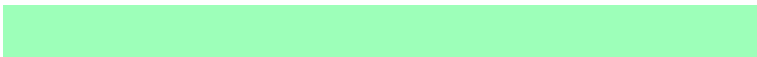
The Sweet Spot groups the original color and five complimentary colors.



9DE3FF



E0F6FF



9DFFB9



6E7A80



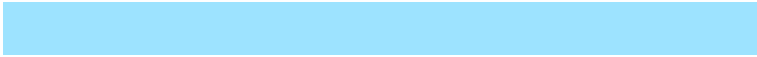
000000



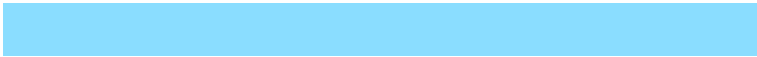
808080

Same Dimension

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



9DE3FF



8ADDFE



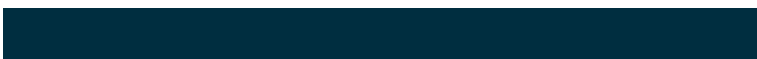
9DB2FE



737C80



0089BF



002E40

Inverse Universe

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



FF9DE3



FF8ADD



FFEA9D



80737C



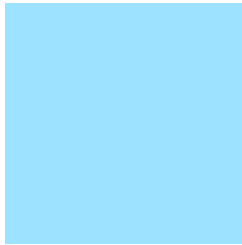
BF0089



40002E

Previews

White Background



This preview shows how the Hex color 9DE3FF looks on a white background.

Color Contrast Check

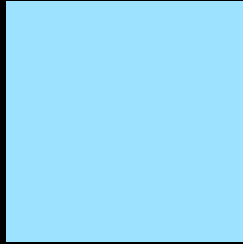
Large Text (above 18pt) WCAG AA × Fail

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 9DE3FF 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 9DE3FF Background



This preview shows how black text looks on a background with the Hex color 9DE3FF.

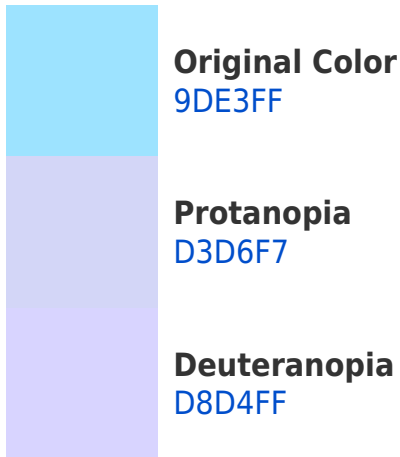


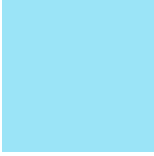
This preview shows how white text looks on a background with the Hex color 9DE3FF.

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](#).

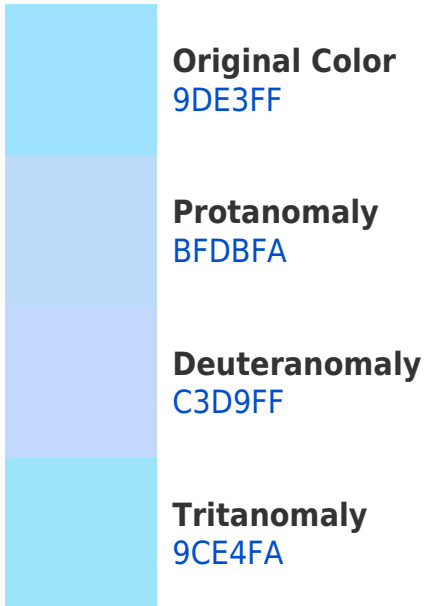
Dichromacy



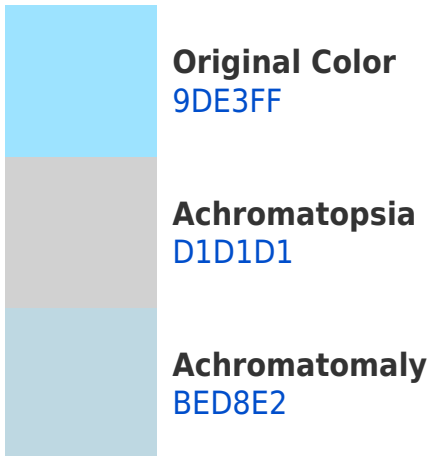


Tritanopia
9BE4F7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DE3FF 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 #9DE3FF looks like.

```
.text, #text, p{  
    color:#9DE3FF  
}
```

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 #9DE3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DE3FF  
}
```

Border

The CSS property to change the border of an element to Hex 9DE3FF 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  
#9DE3FF }
```

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

```
.border{ border-color:#9DE3FF }
```

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

Here you see how a box with a 4 pixel #9DE3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DE3FF; -webkit-box-shadow:4px 4px  
4px 4px #9DE3FF; box-shadow:4px 4px 4px  
4px #9DE3FF }
```

Background

The CSS property to change the background color of an element to Hex 9DE3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DE3FF }
```

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

```
.background{ background-color:#9DE3FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor