

Converting Colors

Hex(9CEFFF)

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

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Color

Hex(9CEFFF)

Conversions

Conversions Part 1

Format	Color
Hex	9CEFFF
RGB	156, 239, 255
RGB Percent	61%, 94%, 100%
CMY	0.3882, 0.0627, 0.0000
CMYK	0.39, 0.06, 0.00, 0.00
HSL	190°, 100%, 81%
HSV	190°, 39%, 100%
XYZ	62.6268, 76.0209, 105.9805
YIQ	216.0070, -54.6040, -12.6200

Conversions

Conversions Part 2

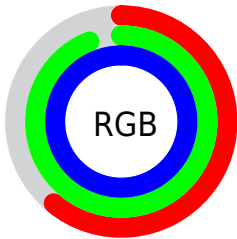
Format	Color
R _Y B	156, 201, 255
Decimal	10285055
CIE Lab	89.87, -21.24, -15.67
CIE LCh	90, 26.400, 216.420
Yxy	76.0209, 0.2560, 0.3108
Android (android.graphics.Color)	4288475135 (0xFF9CEFFF)
YUV	216.0070, 19.2235, -52.6261
Hunter-Lab	87.1900, -24.3695, -11.0347

Details

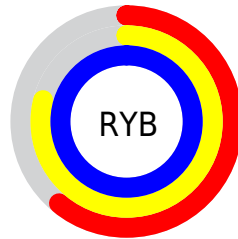
The Hex color **9CEFFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FFAC9C**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **D6FFFF**, and **63B7C6** is the 20% darker color. If you saturate the color by 10%, you get **83EBFF**, and if you desaturate by 10%, it is **B6F3FF**.

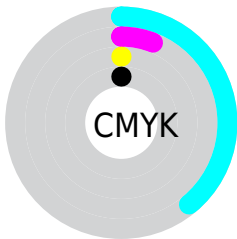
Distribution



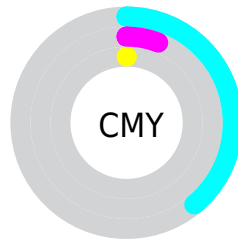
- Red (61%)
- Green (94%)
- Blue (100%)



- Red (61%)
- Yellow (79%)
- Blue (100%)



- Cyan (39%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 9CEFFF

 9CEFFF

FFFFFF

 80D3E2

 D6FFFF

 63B7C6

 F4FFFF

 469CAB

 258290

 006877

 00505E

 003946

 002330

 00011C

 9CEFFF

 9CEFFF

 83EBFF

 B6F3FF

 69E7FF

 CFF7FF

 50E3FF

 E9FBFF

 36DFFF

FFFFFF

 1DDAFF

 03D6FF

 00D6FF

Harmonies

Analogous

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



A1F1E7



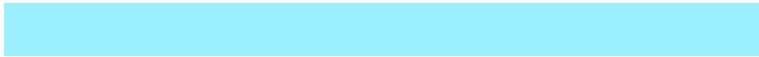
9CEFFF



ACEAFF

Triad

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



9CEFFF



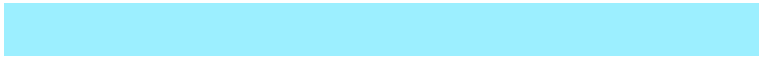
FFD3F7



F0E2B0

Complementary

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



9CEFFF



FFAC9C

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.



FFDAB4



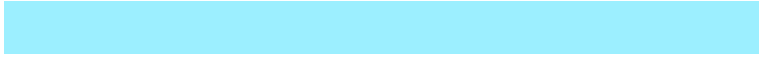
9CEFFF



FFD0DD

Square

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



9CEFFF



EDDAFF



FFD3C5



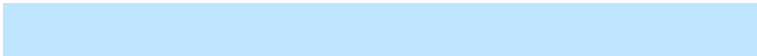
D4EAB9

Rectangle

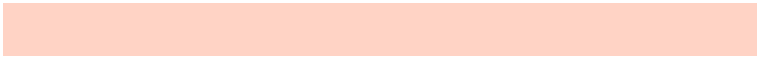
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9CEFFF



C0E5FF



FFD3C5



F8DFB0

Sweetspot

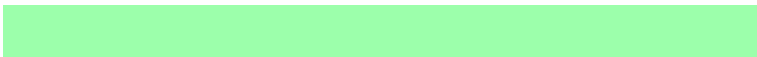
The Sweet Spot groups the original color and five complimentary colors.



9CEFFF



E0FAFF



9CFFAB



6E7D80



000000



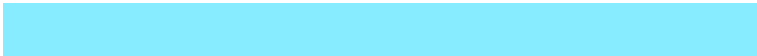
808080

Same Dimension

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



9CEFFF



87ECFF



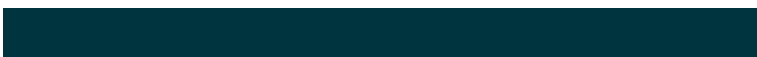
9CBFFF



737D80



00A0BF



003540

Inverse Universe

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



FF9CEF



FF87EC



FFDC9C



80737D



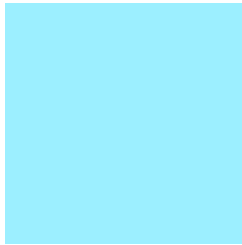
BF00A0



400035

Previews

White Background



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

Color Contrast Check

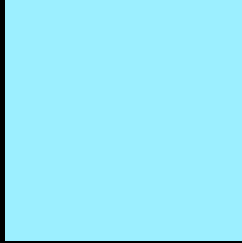
Large Text (above 18pt) WCAG AA × Fail

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 9CEFFF 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 9CEFFF Background



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

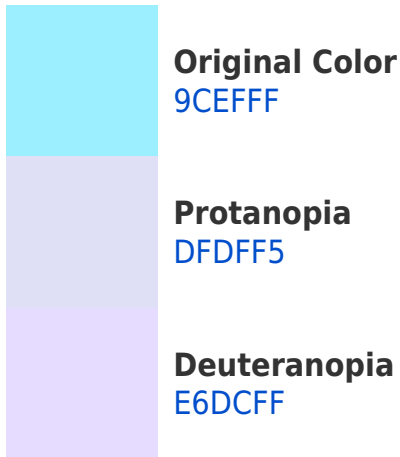


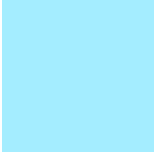
This preview shows how white text looks on a background with the Hex color 9CEFFF.

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](#).

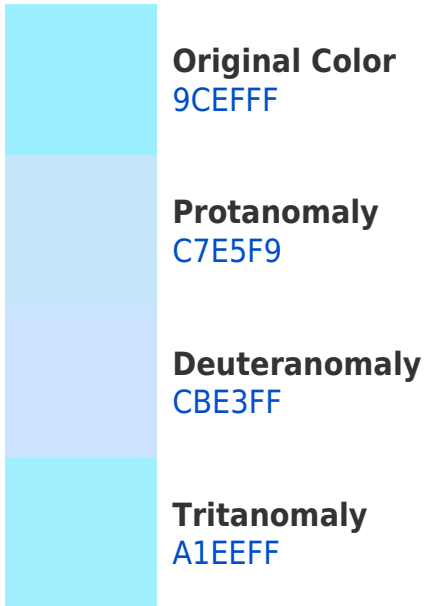
Dichromacy



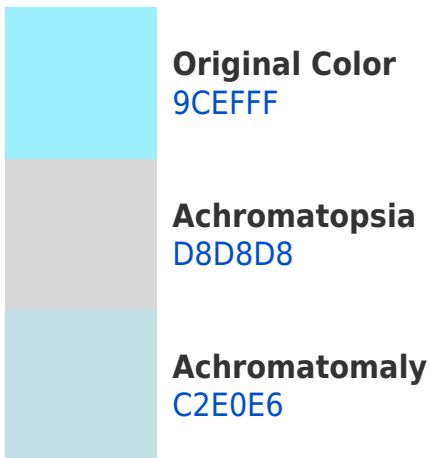


Tritanopia
A4EDFF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #9CEFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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