

Converting Colors

Hex(9DEFFF)

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

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Color

Hex(9DEFFF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9DEFFF |
| RGB | 157, 239, 255 |
| RGB Percent | 62%, 94%, 100% |
| CMY | 0.3843, 0.0627, 0.0000 |
| CMYK | 0.38, 0.06, 0.00, 0.00 |
| HSL | 190°, 100%, 81% |
| HSV | 190°, 38%, 100% |
| XYZ | 62.8211, 76.1211, 105.9896 |
| YIQ | 216.3060, -54.0080, -12.4080 |

Conversions

Conversions Part 2

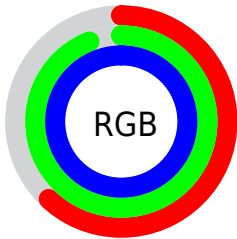
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 157, 202, 255 |
| Decimal | 10350591 |
| CIE _{Lab} | 89.92, -20.99, -15.60 |
| CIE _{LCh} | 90, 26.156, 216.613 |
| Yxy | 76.1211, 0.2565, 0.3108 |
| Android (android.graphics.Color) | 4288540671 (0xFF9DEFFF) |
| YUV | 216.3060, 19.0761, -52.0114 |
| Hunter-Lab | 87.2474, -24.1568, -10.9533 |

Details

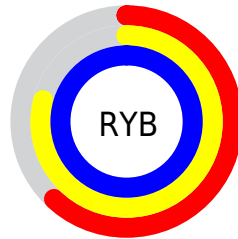
The Hex color **9DEFFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FFAD9D**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **D7FFFF**, and **64B7C6** is the 20% darker color. If you saturate the color by 10%, you get **84EBFF**, and if you desaturate by 10%, it is **B7F3FF**.

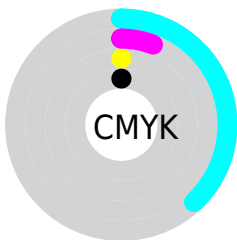
Distribution



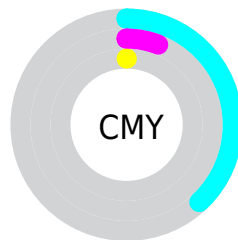
- Red (62%)
- Green (94%)
- Blue (100%)



- Red (62%)
- Yellow (79%)
- Blue (100%)



- Cyan (38%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients


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

 9DEFFF

 9DEFFF

FFFFFF

 81D3E2

 D7FFFF

 64B7C6

 F4FFFF

 479CAB

 278290

 006877

 00505E

 003946

 002330

 00011C

 9DEFFF

 9DEFFF

 84EBFF

 B7F3FF

 6AE7FF

 D0F7FF

 51E3FF

 EAFBFF

 37DEFF

 FFFFFFFF

 1DDAFF

 04D6FF

 00D5FF

Harmonies

Analogous

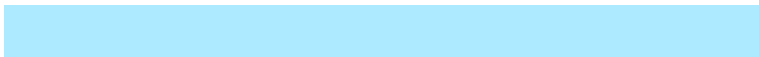
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A2F1E7



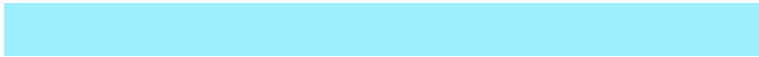
9DEFFF



ADEAFF

Triad

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



9DEFFF



FFD3F7



F0E2B1

Complementary

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



9DEFFF



FFAD9D

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.



FFDAB5



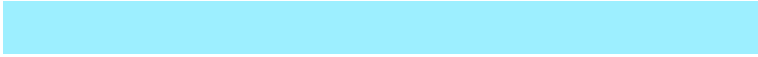
9DEFFF



FFD0DD

Square

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



9DEFFF



EDDAFF



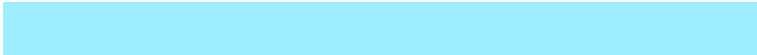
FFD3C5



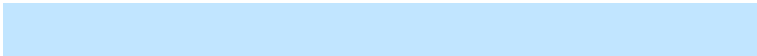
D4EABA

Rectangle

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



9DEFFF



C1E5FF



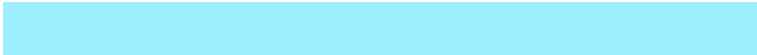
FFD3C5



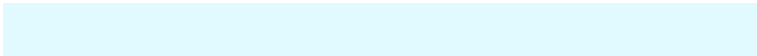
F8DFB0

Sweetspot

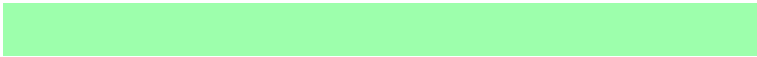
The Sweet Spot groups the original color and five complimentary colors.



9DEFFF



E0FAFF



9DFFAC



6E7D80



000000



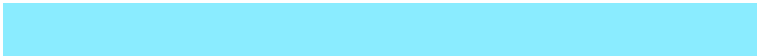
808080

Same Dimension

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



9DEFFF



8AECFF



9DBFFF



737D80



00A0BF



003540

Inverse Universe

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



FF9DEF



FF8AEC



FFDD9D



80737D



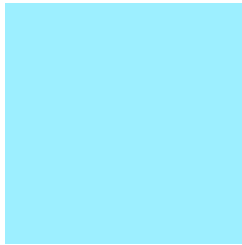
BF00A0



400035

Previews

White Background



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

Color Contrast Check

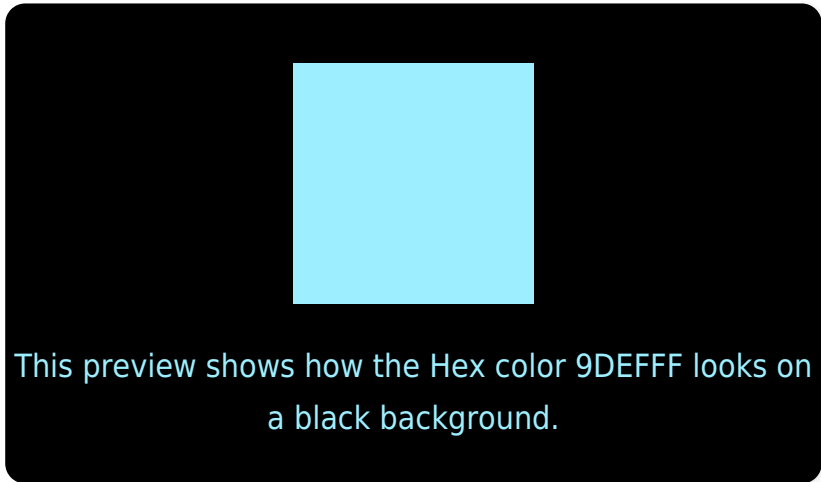
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

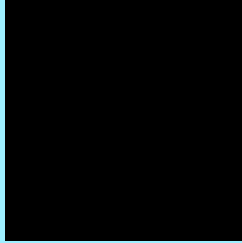
Any Text WCAG AA ✓ Pass

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 9DEFFF Background



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

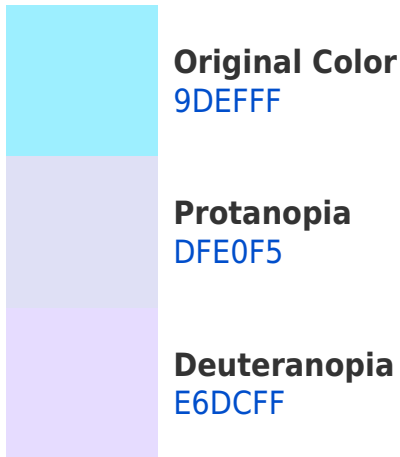


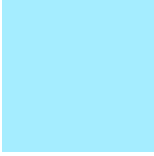
This preview shows how white text looks on a background with the Hex color 9DEFFF.

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
A5EDFF

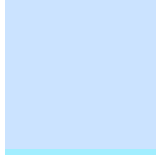
Trichromacy



Original Color
9DEFFF



Protanomaly
C7E5F9



Deuteranomaly
CBE3FF

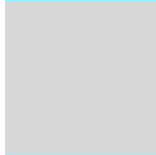


Tritanomaly
A2EEFF

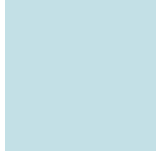
Monochromacy



Original Color
9DEFFF



Achromatopsia
D8D8D8



Achromatomaly
C3E0E6

CSS Examples

Text

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

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

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 #9DEFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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