

Converting Colors

Hex(9BEFFF)

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

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Color

Hex(9BEFFF)

Conversions

Conversions Part 1

Format	Color
Hex	9BEFFF
RGB	155, 239, 255
RGB Percent	61%, 94%, 100%
CMY	0.3922, 0.0627, 0.0000
CMYK	0.39, 0.06, 0.00, 0.00
HSL	190°, 100%, 80%
HSV	190°, 39%, 100%
XYZ	62.4341, 75.9216, 105.9714
YIQ	215.7080, -55.2000, -12.8320

Conversions

Conversions Part 2

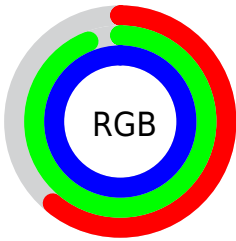
Format	Color
R _Y B	155, 201, 255
Decimal	10219519
CIE Lab	89.82, -21.49, -15.75
CIE LCh	90, 26.644, 216.232
Yxy	75.9216, 0.2555, 0.3107
Android (android.graphics.Color)	4288409599 (0xFF9BEFFF)
YUV	215.7080, 19.3710, -53.2409
Hunter-Lab	87.1330, -24.5807, -11.1156

Details

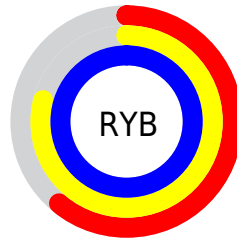
The Hex color **9BEFFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FFAB9B**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **D5FFFF**, and **62B7C6** is the 20% darker color. If you saturate the color by 10%, you get **82EBFF**, and if you desaturate by 10%, it is **B4F3FF**.

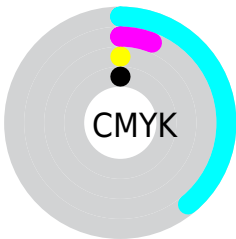
Distribution



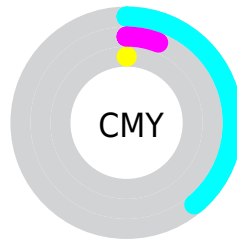
- Red (61%)
- Green (94%)
- Blue (100%)



- 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 9BEFFF 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 9BEFFF by changing the saturation by 10% instead.

 9BEFFF

 9BEFFF

FFFFFF

 7ED3E2

 D5FFFF

 62B7C6

 F3FFFF

 459CAB

 238290

 006877


 00505E

 003946

 002330

 00011C

 9BEFFF

 9BEFFF

 82EBFF

 B4F3FF

 68E7FF

 CEF7FF

 4FE3FF

 E8FBFF

 35DFFF

 FFFFFFFF

 1BDBFF

 02D7FF

 00D6FF

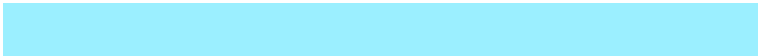
Harmonies

Analogous

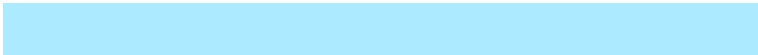
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A1F1E6



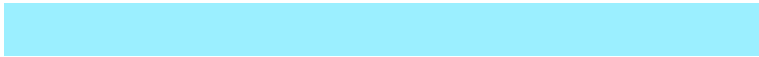
9BEFFF



ABEAFF

Triad

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



9BEFFF



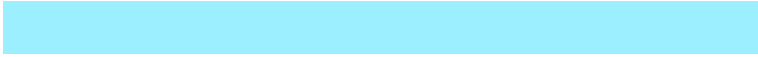
FFD2F7



F0E2AF

Complementary

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



9BEFFF



FFAB9B

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.



FFD9B4



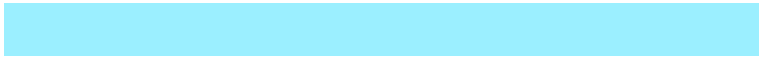
9BEFFF



FFD0DD

Square

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



9BEFFF



EDDAFF



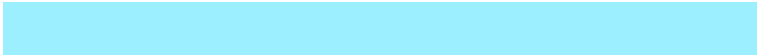
FFD2C5



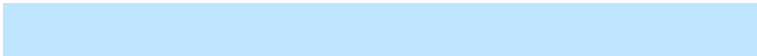
D3E9B8

Rectangle

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



9BEFFF



C0E5FF



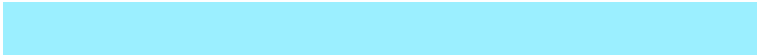
FFD2C5



F8DFAF

Sweetspot

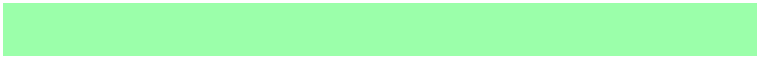
The Sweet Spot groups the original color and five complimentary colors.



9BEFFF



E0FAFF



9BFFAA



6E7D80



000000



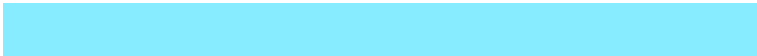
808080

Same Dimension

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



9BEFFF



87ECFF



9BBEFF



737D80



00A1BF



003640

Inverse Universe

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



FF9BEF



FF87EC



FFDC9B



80737D



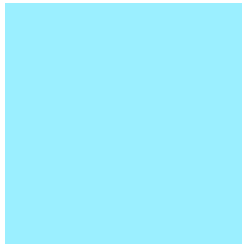
BF00A1



400036

Previews

White Background



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

Color Contrast Check

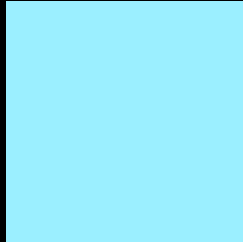
Large Text (above 18pt) WCAG AA × Fail

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 9BEFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

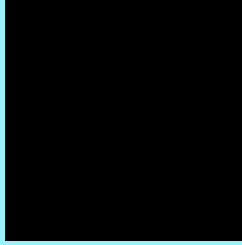
Any Text WCAG AA ✓ Pass

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 9BEFFF Background



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

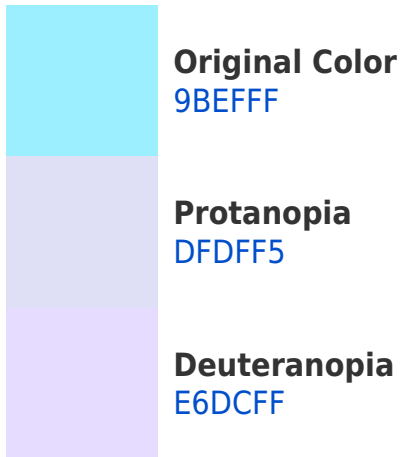


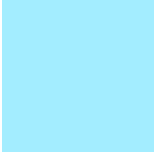
This preview shows how white text looks on a background with the Hex color 9BEFFF.

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



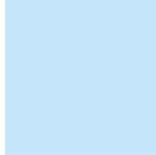


Tritanopia
A3EDFF

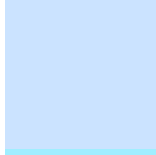
Trichromacy



Original Color
9BEFFF



Protanomaly
C6E5F9



Deuteranomaly
CBE3FF

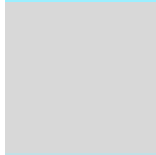


Tritanomaly
A0EEFF

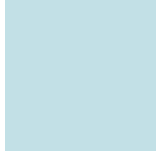
Monochromacy



Original Color
9BEFFF



Achromatopsia
D8D8D8



Achromatomaly
C2E0E6

CSS Examples

Text

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

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

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 #9BEFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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