

Converting Colors

Hex(9BE9FF)

Have a look what the booklet for
Hex(9BE9FF) contains.

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Color

Hex(9BE9FF)

Conversions

Conversions Part 1

Format	Color
Hex	9BE9FF
RGB	155, 233, 255
RGB Percent	61%, 91%, 100%
CMY	0.3922, 0.0863, 0.0000
CMYK	0.39, 0.09, 0.00, 0.00
HSL	193°, 100%, 80%
HSV	193°, 39%, 100%
XYZ	60.7065, 72.4664, 105.3956
YIQ	212.1860, -53.5500, -9.6940

Conversions

Conversions Part 2

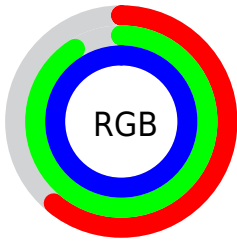
Format	Color
R _Y B	155, 199, 255
Decimal	10217983
CIE Lab	88.19, -18.51, -18.20
CIE LCh	88, 25.959, 224.513
Yxy	72.4664, 0.2545, 0.3038
Android (android.graphics.Color)	4288408063 (0xFF9BE9FF)
YUV	212.1860, 21.1073, -50.1521
Hunter-Lab	85.1272, -21.6795, -13.8176

Details

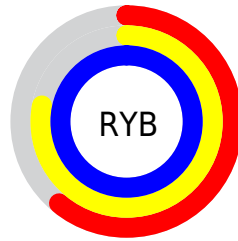
The Hex color **9BE9FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FFB19B**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **D5FFFF**, and **62B1C6** is the 20% darker color. If you saturate the color by 10%, you get **82E3FF**, and if you desaturate by 10%, it is **B4EFFF**.

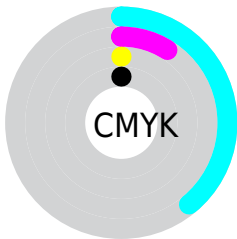
Distribution



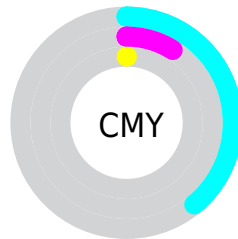
- Red (61%)
- Green (91%)
- Blue (100%)



- Red (61%)
- Yellow (78%)
- Blue (100%)



- Cyan (39%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BE9FF 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 9BE9FF by changing the saturation by 10% instead.

 9BE9FF

 9BE9FF

FFFFFF

 7FCDE2

 D5FFFF

 62B1C6

 F2FFFF

 4596AB

 257C90

 006377

 004B5E

 003446

 002030

 00011B

 9BE9FF

 9BE9FF

 82E3FF

 B4EFFF

 68DEFF

 CEF4FF

 4FD8FF

 E8FAFF

 35D3FF

FFFFFF

 1BCDFF

 02C7FF

 00C7FF

Harmonies

Analogous

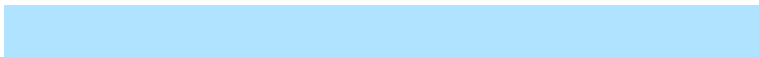
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9BEBE9



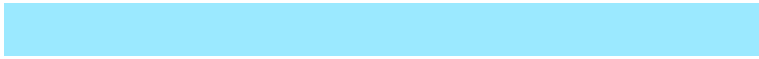
9BE9FF



B0E3FF

Triad

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



9BE9FF



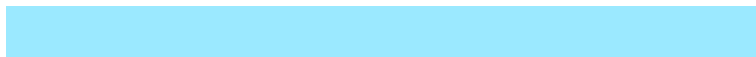
FFCDEB



E4DFAD

Complementary

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



9BE9FF



FFB19B

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.



FCD7AE



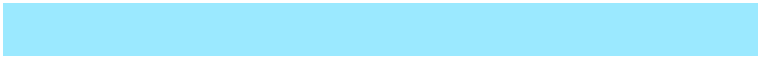
9BE9FF



FFCCD2

Square

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



9BE9FF



F0D3FF



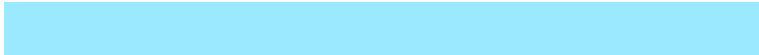
FFD0BC



C7E6B9

Rectangle

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



9BE9FF



C5DEFF



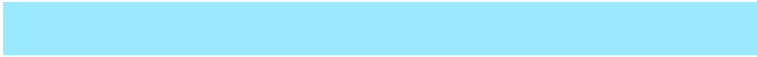
FFD0BC



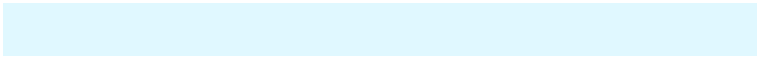
ECDDAC

Sweetspot

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



9BE9FF



E0F8FF



9BFFB1



6E7C80



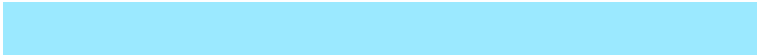
000000



808080

Same Dimension

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



9BE9FF



87E5FF



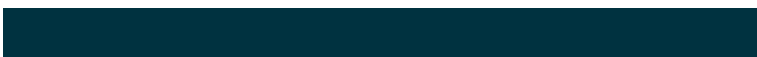
9BB7FF



737D80



0095BF



003240

Inverse Universe

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



FF9BE9



FF87E5



FFE39B



80737D



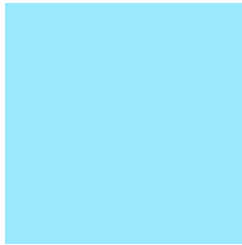
BF0095



400032

Previews

White Background



This preview shows how the Hex color 9BE9FF looks on a white background.

Color Contrast Check

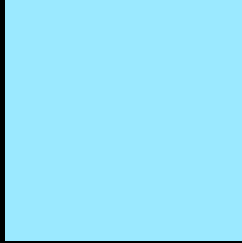
Large Text (above 18pt) WCAG AA × Fail

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 9BE9FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

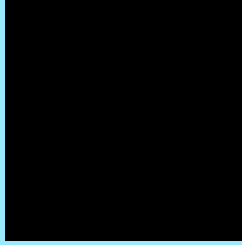
Any Text WCAG AA ✓ Pass

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 9BE9FF Background



This preview shows how black text looks on a background with the Hex color 9BE9FF.



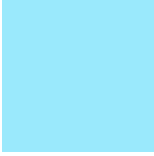
This preview shows how white text looks on a background with the Hex color 9BE9FF.

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



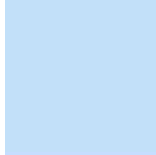


Tritanopia
9AE9FC

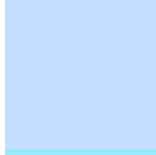
Trichromacy



Original Color
9BE9FF



Protanomaly
C2E0F9



Deuteranomaly
C6DEFF

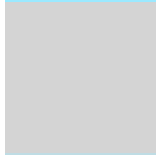


Tritanomaly
9AE9FD

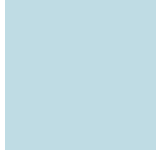
Monochromacy



Original Color
9BE9FF



Achromatopsia
D4D4D4



Achromatomaly
BFDCE4

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BE9FF 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 #9BE9FF looks like.

```
.text, #text, p{  
    color:#9BE9FF  
}
```

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 #9BE9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BE9FF
}
```

Border

The CSS property to change the border of an element to Hex 9BE9FF 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
#9BE9FF }
```

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

```
.border{ border-color:#9BE9FF }
```

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

Here you see how a box with a 4 pixel #9BE9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BE9FF; -webkit-box-shadow:4px 4px  
4px 4px #9BE9FF; box-shadow:4px 4px 4px  
4px #9BE9FF }
```

Background

The CSS property to change the background color of an element to Hex 9BE9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BE9FF }
```

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

```
.background{ background-color:#9BE9FF }
```

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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