

Converting Colors

Hex(9AEBFF)

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

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Color

Hex(9AEBFF)

Conversions

Conversions Part 1

Format	Color
Hex	9AEBFF
RGB	154, 235, 255
RGB Percent	60%, 92%, 100%
CMY	0.3961, 0.0784, 0.0000
CMYK	0.40, 0.08, 0.00, 0.00
HSL	192°, 100%, 80%
HSV	192°, 40%, 100%
XYZ	61.0848, 73.5067, 105.5764
YIQ	213.0610, -54.6960, -10.9520

Conversions

Conversions Part 2

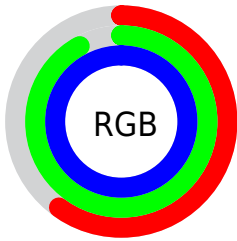
Format	Color
RYB	154, 199, 255
Decimal	10152959
CIELab	88.69, -19.76, -17.46
CIElCh	89, 26.365, 221.462
Yxy	73.5067, 0.2543, 0.3061
Android (android.graphics.Color)	4288343039 (0xFF9AEBFF)
YUV	213.0610, 20.6759, -51.7965
Hunter-Lab	85.7360, -22.8613, -12.9952

Details

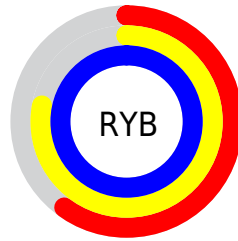
The Hex color **9AEBFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FFAE9A**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **D4FFFF**, and **61B3C6** is the 20% darker color. If you saturate the color by 10%, you get **81E6FF**, and if you desaturate by 10%, it is **B3F0FF**.

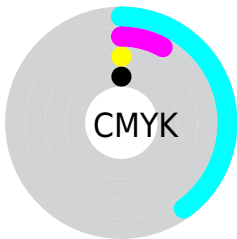
Distribution



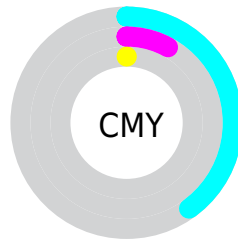
- Red (60%)
- Green (92%)
- Blue (100%)



- Red (60%)
- Yellow (78%)
- Blue (100%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 9AEBFF

 9AEBFF

FFFFFF

 7ECFE2

 D4FFFF

 61B3C6

 F1FFFF

 4498AB

 227E90

 006577

 004D5E

 003646

 002130

 00011B

 9AEBFF

 9AEBFF

 81E6FF

 B3F0FF

 67E1FF

 CDF5FF

 4EDCFF

 E7FAFF

 34D7FF

FFFFFF

 1AD2FF

 01CDFF

 00CDFF

Harmonies

Analogous

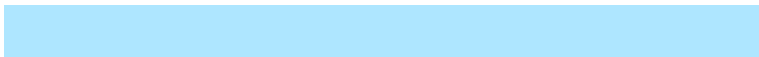
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9CEDE8



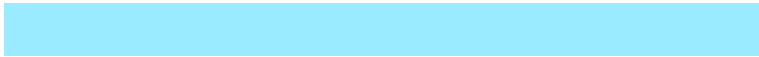
9AEBFF



AEE6FF

Triad

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



9AEBFF



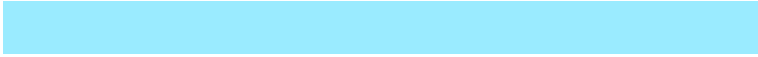
FFCFEF



E8E0AD

Complementary

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



9AEBFF



FFAE9A

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.



FFD8B0



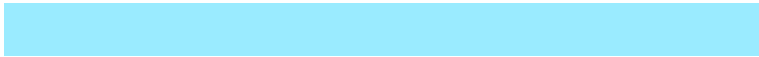
9AEBFF



FFCDD6

Square

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



9AEBFF



EFD5FF



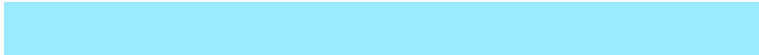
FFD0BE



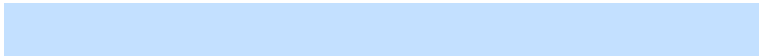
CBE7B8

Rectangle

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



9AEBFF



C3E0FF



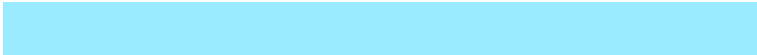
FFD0BE



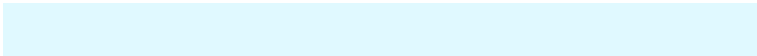
F0DDAD

Sweetspot

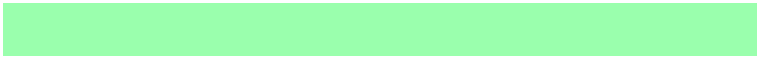
The Sweet Spot groups the original color and five complimentary colors.



9AEBFF



E0F9FF



9AFFAD



6E7C80



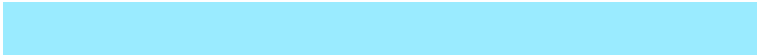
000000



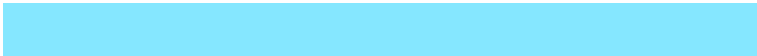
808080

Same Dimension

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



9AEBFF



85E7FF



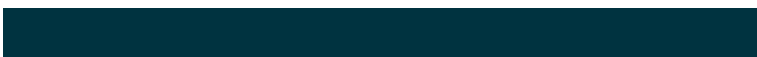
9ABAFF



737D80



0099BF



003340

Inverse Universe

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



FF9AEB



FF85E7



FFDF9A



80737D



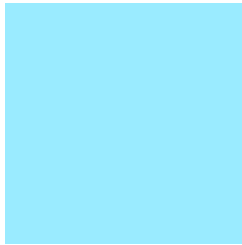
BF0099



400033

Previews

White Background



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

Color Contrast Check

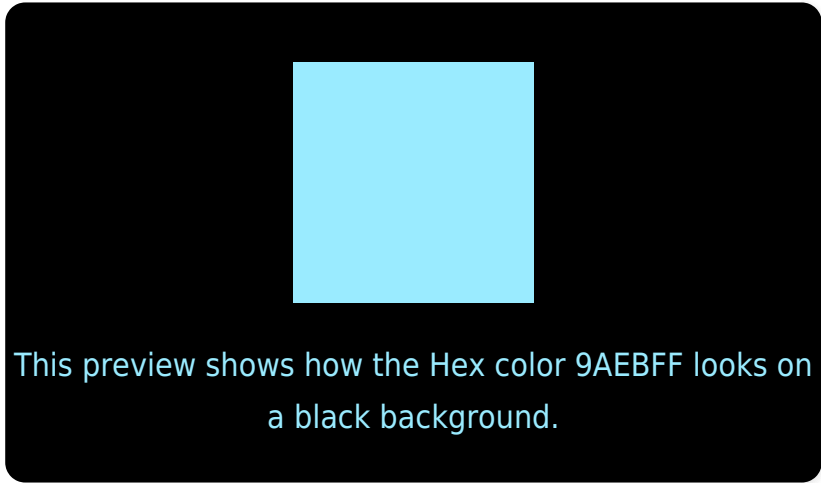
Large Text (above 18pt) WCAG AA × Fail

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

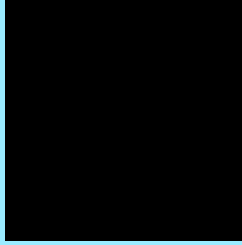
Any Text WCAG AA ✓ Pass

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 9AEBFF Background



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

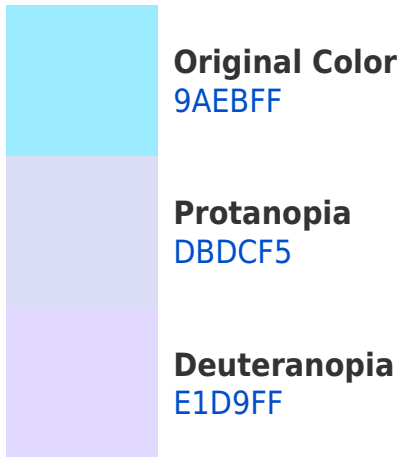


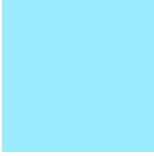
This preview shows how white text looks on a background with the Hex color 9AEBFF.

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



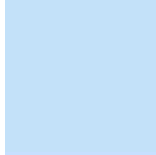


Tritanopia
9AEBFE

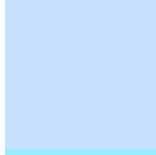
Trichromacy



Original Color
9AEBFF



Protanomaly
C3E1F9



Deuteranomaly
C7E0FF

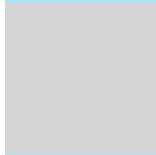


Tritanomaly
9AEBFE

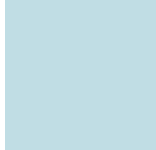
Monochromacy



Original Color
9AEBFF



Achromatopsia
D5D5D5



Achromatomaly
C0DDE4

CSS Examples

Text

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

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

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 #9AEBFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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