

Converting Colors

Hex(9DEBFF)

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

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Color

Hex(9DEBFF)

Conversions

Conversions Part 1

Format	Color
Hex	9DEBFF
RGB	157, 235, 255
RGB Percent	62%, 92%, 100%
CMY	0.3843, 0.0784, 0.0000
CMYK	0.38, 0.08, 0.00, 0.00
HSL	192°, 100%, 81%
HSV	192°, 38%, 100%
XYZ	61.6630, 73.8048, 105.6035
YIQ	213.9580, -52.9080, -10.3160

Conversions

Conversions Part 2

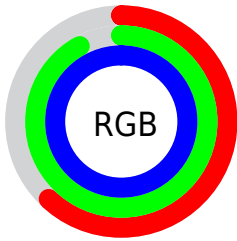
Format	Color
R _Y B	157, 200, 255
Decimal	10349567
CIE Lab	88.83, -19.01, -17.23
CIE LCh	89, 25.656, 222.189
Yxy	73.8048, 0.2558, 0.3062
Android (android.graphics.Color)	4288539647 (0xFF9DEBFF)
YUV	213.9580, 20.2337, -49.9522
Hunter-Lab	85.9097, -22.2209, -12.7448

Details

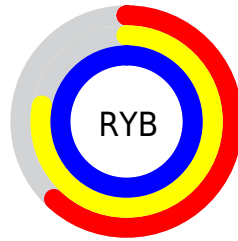
The Hex color **9DEBFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FFB19D**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **D7FFFF**, and **64B3C6** is the 20% darker color. If you saturate the color by 10%, you get **84E6FF**, and if you desaturate by 10%, it is **B7F0FF**.

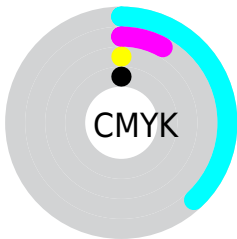
Distribution



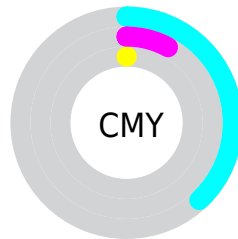
- Red (62%)
- Green (92%)
- Blue (100%)



- Red (62%)
- Yellow (78%)
- Blue (100%)



- Cyan (38%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 9DEBFF

 9DEBFF

FFFFFF

 81CFE2

 D7FFFF

 64B3C6

 F4FFFF

 4898AB

 287E90

 006577

 004D5E

 003646

 002130

 00011B

 9DEBFF

 9DEBFF

 84E6FF

 B7F0FF

 6AE1FF

 D0F5FF

 51DBFF

 EAFBFF

 37D6FF

FFFFFF

 1DD1FF

 04CCFF

 00CBFF

Harmonies

Analogous

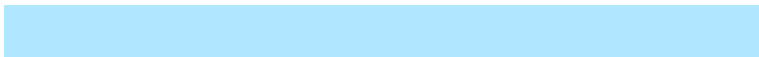
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9EEDE8



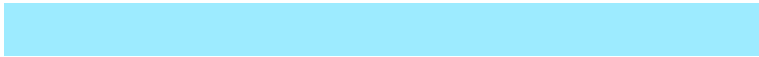
9DEBFF



B0E6FF

Triad

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



9DEBFF



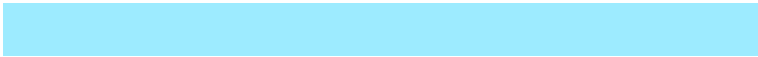
FFCFEF



E7E1AF

Complementary

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



9DEBFF



FFB19D

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.



FFD9B1



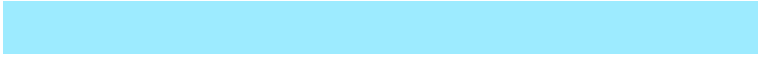
9DEBFF



FFCED6

Square

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



9DEBFF



F0D6FF



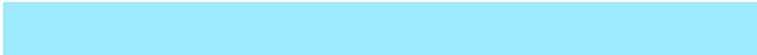
FFD1BF



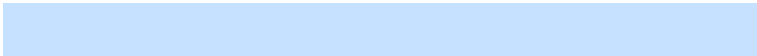
CCE8BA

Rectangle

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



9DEBFF



C5E1FF



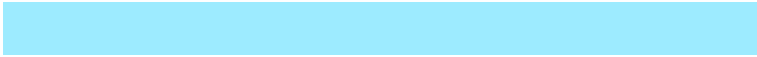
FFD1BF



F0DEAE

Sweetspot

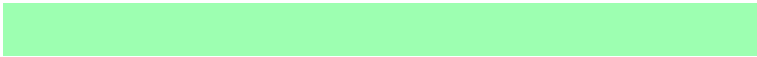
The Sweet Spot groups the original color and five complimentary colors.



9DEBFF



E0F9FF



9DFFB1



6E7C80



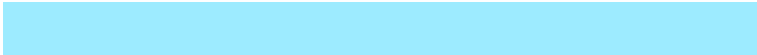
000000



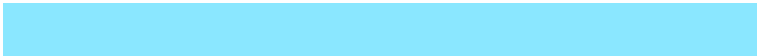
808080

Same Dimension

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



9DEBFF



8AE7FF



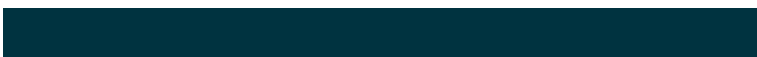
9DBAFF



737D80



0098BF



003340

Inverse Universe

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



FF9DEB



FF8AE7



FFE29D



80737D



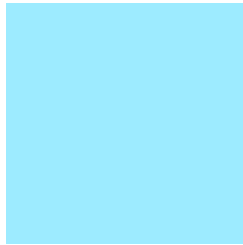
BF0098



400033

Previews

White Background



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

Color Contrast Check

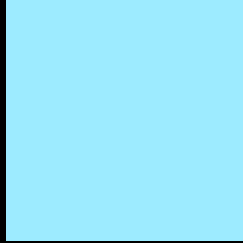
Large Text (above 18pt) WCAG AA × Fail

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 9DEBFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

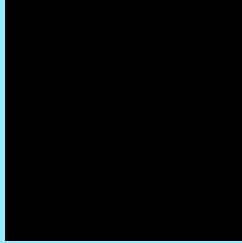
Any Text WCAG AA ✓ Pass

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 9DEBFF Background



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

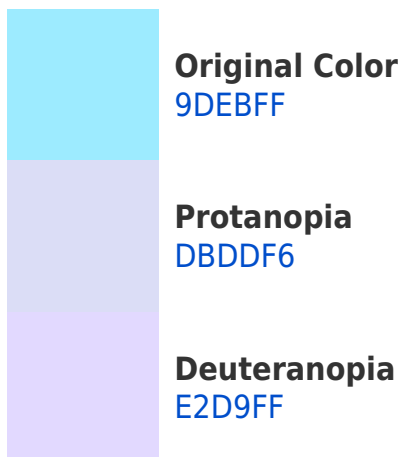


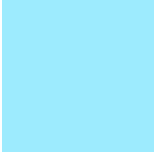
This preview shows how white text looks on a background with the Hex color 9DEBFF.

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



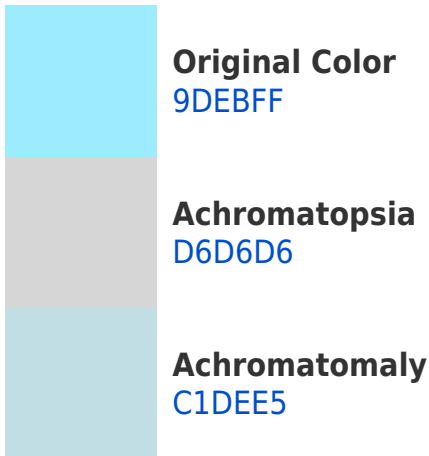


Tritanopia
9DEBFE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #9DEBFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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