

Converting Colors

Hex(9DF3FB)

Have a look what the booklet for
Hex(9DF3FB) contains.

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Color

Hex(9DF3FB)

Conversions

Conversions Part 1

Format	Color
Hex	9DF3FB
RGB	157, 243, 251
RGB Percent	62%, 95%, 98%
CMY	0.3843, 0.0471, 0.0157
CMYK	0.37, 0.03, 0.00, 0.02
HSL	185°, 92%, 80%
HSV	185°, 37%, 98%
XYZ	63.3678, 78.2343, 103.0277
YIQ	218.1980, -53.8240, -15.7440

Conversions

Conversions Part 2

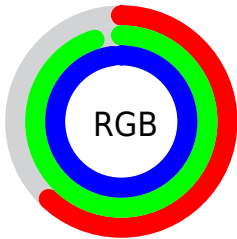
Format	Color
RYB	157, 202, 251
Decimal	10351611
CIELab	90.89, -23.92, -12.06
CIELCh	91, 26.790, 206.758
Yxy	78.2343, 0.2590, 0.3198
Android (android.graphics.Color)	4288541691 (0xFF9DF3FB)
YUV	218.1980, 16.1714, -53.6706
Hunter-Lab	88.4502, -26.9061, -7.1465

Details

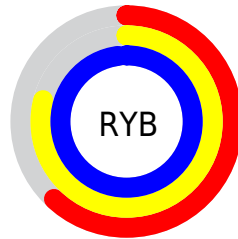
The Hex color **9DF3FB** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FBA59D**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **D7FFFF**, and **64BBC3** is the 20% darker color. If you saturate the color by 10%, you get **84F1FB**, and if you desaturate by 10%, it is **B6F5FB**.

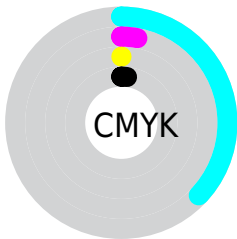
Distribution



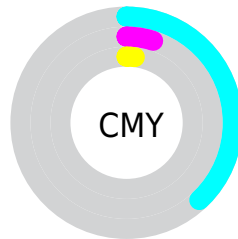
- Red (62%)
- Green (95%)
- Blue (98%)



- Red (62%)
- Yellow (79%)
- Blue (98%)



- Cyan (37%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (38%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DF3FB 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 9DF3FB by changing the saturation by 10% instead.

 9DF3FB

FFFFFF

 D7FFFF

 F4FFFF

 9DF3FB

 81D6DE

 64BBC3

 47A0A7

 27858D

 006C73

 00535B

 003C43

 00262D

 000719

 9DF3FB

 9DF3FB

 84F1FB

 B6F5FB

 6BEFFB

 CFF7FB

 52EDFB

 E8F9FB

 39EAFB

 FFFCFB

 1FE8FB

 FFFEFB

 06E6FB

 FFFFFB

 00E6FB

Harmonies

Analogous

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



A9F3E1



9DF3FB



A7EFFF

Triad

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



9DF3FB



FFD7FF



FBE2B2

Complementary

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



9DF3FB



FBA59D

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.



FFDABB



9DF3FB



FFD3E9

Square

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



9DF3FB



E6DFFF



FFD4CF



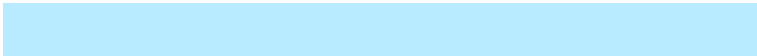
E0EAB7

Rectangle

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



9DF3FB



B8EBFF



FFD4CF



FFDFB3

Sweetspot

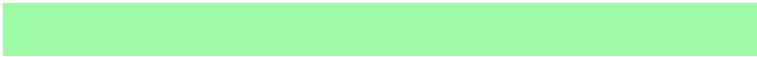
The Sweet Spot groups the original color and five complimentary colors.



9DF3FB



E3FDFF



9DFBA5



6F7E80



000000



808080

Same Dimension

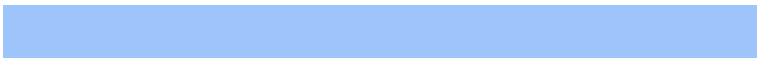
The Same Dimension uses a secret algorithm to generate beautiful new colors.



9DF3FB



8CF5FF



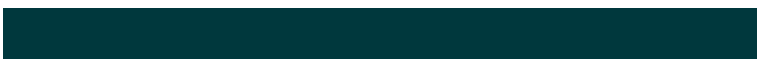
9DC4FB



707C7D



00ADB8



00383D

Inverse Universe

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



FB9DF3



FF8CF5



FBD49D



7D707C



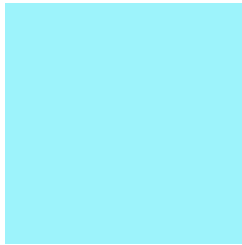
BD00AD



3D0038

Previews

White Background



This preview shows how the Hex color 9DF3FB looks on a white background.

Color Contrast Check

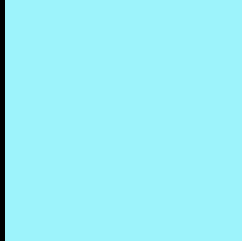
Large Text (above 18pt) WCAG AA × Fail

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 9DF3FB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

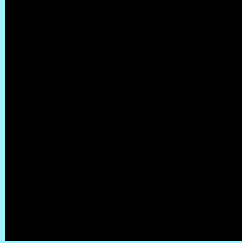
Any Text WCAG AA ✓ Pass

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 9DF3FB Background



This preview shows how black text looks on a background with the Hex color 9DF3FB.

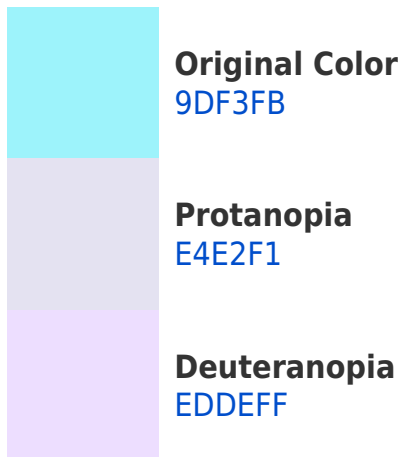


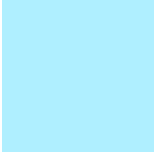
This preview shows how white text looks on a background with the Hex color 9DF3FB.

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



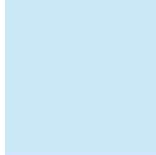


Tritanopia
AFEFFF

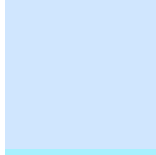
Trichromacy



Original Color
9DF3FB



Protanomaly
CAE8F5



Deuteranomaly
D0E6FE

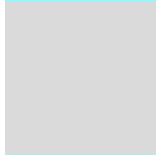


Tritanomaly
A8F0FE

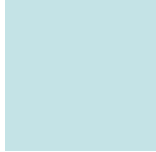
Monochromacy



Original Color
9DF3FB



Achromatopsia
DADADA



Achromatomaly
C4E3E6

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DF3FB 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 #9DF3FB looks like.

```
.text, #text, p{  
    color:#9DF3FB  
}
```

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 #9DF3FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DF3FB
}
```

Border

The CSS property to change the border of an element to Hex 9DF3FB 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
#9DF3FB }
```

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

```
.border{ border-color:#9DF3FB }
```

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

Here you see how a box with a 4 pixel #9DF3FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DF3FB; -webkit-box-shadow:4px 4px  
4px 4px #9DF3FB; box-shadow:4px 4px 4px  
4px #9DF3FB }
```

Background

The CSS property to change the background color of an element to Hex 9DF3FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DF3FB }
```

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

```
.background{ background-color:#9DF3FB }
```

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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