

Converting Colors

Hex(9DC3FE)

Have a look what the booklet for
Hex(9DC3FE) contains.

Hex(9DC3FE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9DC3FE)

Conversions

Conversions Part 1

Format	Color
Hex	9DC3FE
RGB	157, 195, 254
RGB Percent	62%, 76%, 100%
CMY	0.3843, 0.2353, 0.0039
CMYK	0.38, 0.23, 0.00, 0.00
HSL	216°, 98%, 81%
HSV	216°, 38%, 100%
XYZ	51.3091, 53.3541, 101.3600
YIQ	190.3640, -41.5870, 10.2930

Conversions

Conversions Part 2

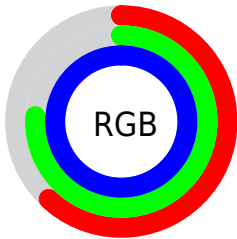
Format	Color
RYB	157, 184, 254
Decimal	10339326
CIELab	78.08, 1.59, -33.07
CIELCh	78, 33.108, 272.747
Yxy	53.3541, 0.2490, 0.2590
Android (android.graphics.Color)	4288529406 (0xFF9DC3FE)
YUV	190.3640, 31.3725, -29.2602
Hunter-Lab	73.0439, -2.4408, -31.1436

Details

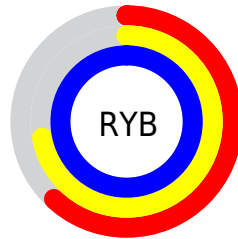
The Hex color **9DC3FE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FED89D**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **D6FBFF**, and **668EC5** is the 20% darker color. If you saturate the color by 10%, you get **84B4FE**, and if you desaturate by 10%, it is **B6D2FE**.

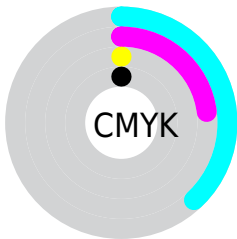
Distribution



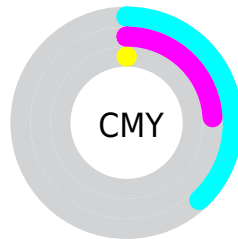
- Red (62%)
- Green (76%)
- Blue (100%)



- Red (62%)
- Yellow (72%)
- Blue (100%)



- Cyan (38%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DC3FE 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 9DC3FE by changing the saturation by 10% instead.

 9DC3FE

 9DC3FE

FFFFFF

 81A8E1

 D6FBFF

 668EC5

 F3FFFF

 4A74AA

 2D5C8F

 034475

 002E5C

 001A44

 00042E

 000118

■ 9DC3FE

■ 9DC3FE

■ 84B4FE

■ B6D2FE

■ 6AA4FE

■ D0E2FE

■ 5195FE

■ E9F1FE

■ 3785FE

FFFFFE

■ 1E76FE

■ 0566FE

■ 0064FE

Harmonies

Analogous

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



72CCF7



9DC3FE



C9B8F5

Triad

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



9DC3FE



FDADA1



8FCFA4

Complementary

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



9DC3FE



FED89D

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.



B3C98D



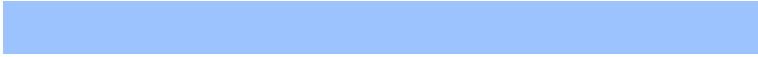
9DC3FE



EEB68B

Square

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



9DC3FE



FCAABF



D4C084



6ED2C3

Rectangle

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



9DC3FE



E1B1E7



D4C084



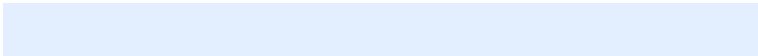
9BCE9B

Sweetspot

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



9DC3FE



E3EEFF



9DFED7



6F7580



000000



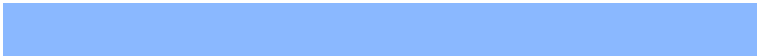
808080

Same Dimension

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



9DC3FE



8AB8FF



A79DFE



737880



004BBF



001940

Inverse Universe

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



FE9DC3



FF8AB8



F4FE9D



807378



BF004B



400019

Previews

White Background



This preview shows how the Hex color 9DC3FE looks on a white background.

Color Contrast Check

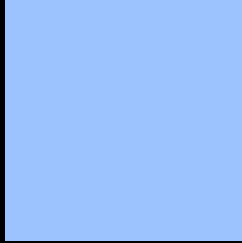
Large Text (above 18pt) WCAG AA × Fail

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 9DC3FE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

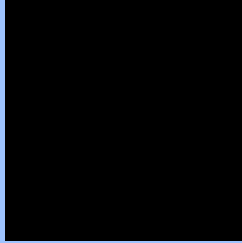
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

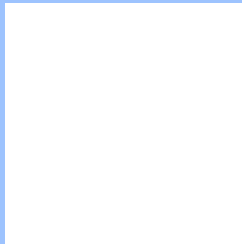
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9DC3FE Background



This preview shows how black text looks on a background with the Hex color 9DC3FE.

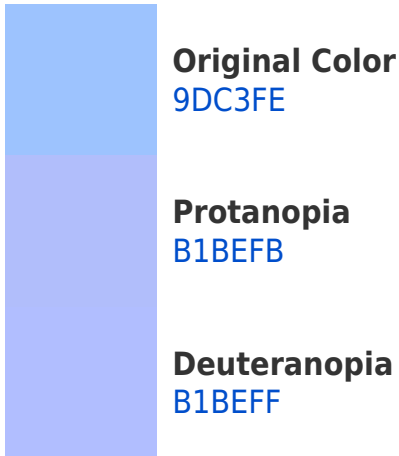


This preview shows how white text looks on a background with the Hex color 9DC3FE.

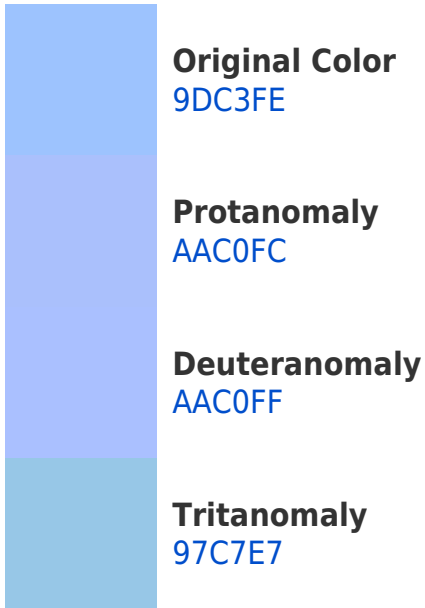
Color Blindness Simulation

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](#).

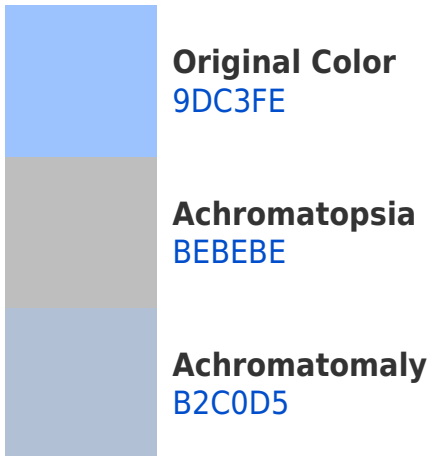
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DC3FE 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 #9DC3FE looks like.

```
.text, #text, p{  
    color:#9DC3FE  
}
```

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 #9DC3FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC3FE
}
```

Border

The CSS property to change the border of an element to Hex 9DC3FE 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
#9DC3FE }
```

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

```
.border{ border-color:#9DC3FE }
```

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

Here you see how a box with a 4 pixel #9DC3FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC3FE; -webkit-box-shadow:4px 4px  
4px 4px #9DC3FE; box-shadow:4px 4px 4px  
4px #9DC3FE }
```

Background

The CSS property to change the background color of an element to Hex 9DC3FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC3FE }
```

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

```
.background{ background-color:#9DC3FE }
```

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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