

Converting Colors

Hex(9DB5FC)

Have a look what the booklet for
Hex(9DB5FC) contains.

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Color

Hex(9DB5FC)

Conversions

Conversions Part 1

Format	Color
Hex	9DB5FC
RGB	157, 181, 252
RGB Percent	62%, 71%, 99%
CMY	0.3843, 0.2902, 0.0118
CMYK	0.38, 0.28, 0.00, 0.01
HSL	225°, 94%, 80%
HSV	225°, 38%, 99%
XYZ	47.9992, 47.2441, 98.6847
YIQ	181.9180, -37.0950, 16.9930

Conversions

Conversions Part 2

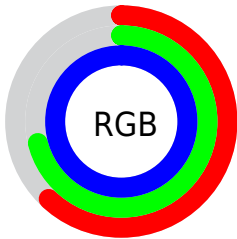
Format	Color
RYB	157, 176, 252
Decimal	10335740
CIELab	74.35, 8.75, -37.78
CIELCh	74, 38.781, 283.038
Yxy	47.2441, 0.2475, 0.2436
Android (android.graphics.Color)	4288525820 (0xFF9DB5FC)
YUV	181.9180, 34.5504, -21.8531
Hunter-Lab	68.7344, 4.3666, -37.0110

Details

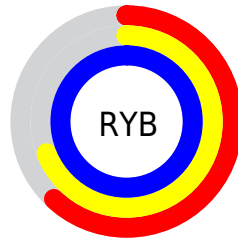
The Hex color **9DB5FC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **FCE49D**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **D6EDFF**, and **6680C3** is the 20% darker color. If you saturate the color by 10%, you get **84A2FC**, and if you desaturate by 10%, it is **B6C8FC**.

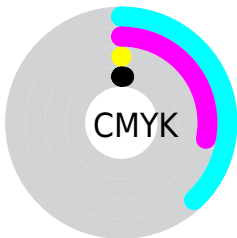
Distribution



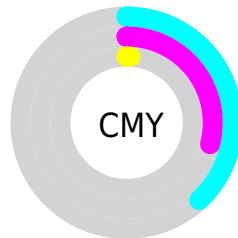
- Red (62%)
- Green (71%)
- Blue (99%)



- Red (62%)
- Yellow (69%)
- Blue (99%)



- Cyan (38%)
- Magenta (28%)
- Yellow (0%)
- Black (1%)



- Cyan (38%)
- Magenta (29%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9DB5FC 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 9DB5FC by changing the saturation by 10% instead.

 9DB5FC

 9DB5FC

FFFFFF

 819ADF

 D6EDFF

 6680C3

 F3FFFF

 4A67A8

 2D508D

 053973

 00245A

 000F42

 00032C

 000116

 9DB5FC


 9DB5FC

 84A2FC

 B6C8FC

 6B8FFC

 CFDBFC

 517CFC

 E9EEFC

 386AFC

FFFFFFC

 1F57FC

 0644FC

 0040FC

Harmonies

Analogous

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



61C0FA



9DB5FC



CFA8EB

Triad

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



9DB5FC



F6A288



6BC9A1

Complementary

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



9DB5FC



FCE49D

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.



97C382



9DB5FC



E0AE73

Square

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



9DB5FC



FD9BA8



BFBA70



3ACAC6

Rectangle

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



9DB5FC



E7A1D8



BFBA70



7AC795

Sweetspot

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



9DB5FC



E3EAFF



9DFCE3



6F7380



000000



808080

Same Dimension

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



9DB5FC



8CA9FF



B39DFC



70747D



0030BD



000F3D

Inverse Universe

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



FC9DB5



FF8CA9



E6FC9D



7D7074



BD0030



3D000F

Previews

White Background



This preview shows how the Hex color 9DB5FC looks on a white background.

Color Contrast Check

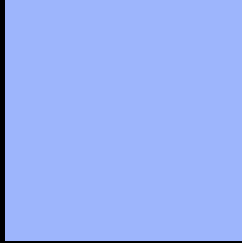
Large Text (above 18pt) WCAG AA × Fail

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 9DB5FC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

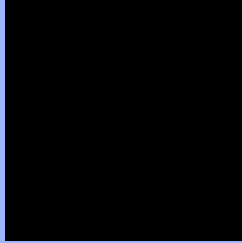
Any Text WCAG AA ✓ Pass

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 9DB5FC Background



This preview shows how black text looks on a background with the Hex color 9DB5FC.



This preview shows how white text looks on a background with the Hex color 9DB5FC.

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



Original Color
9DB5FC

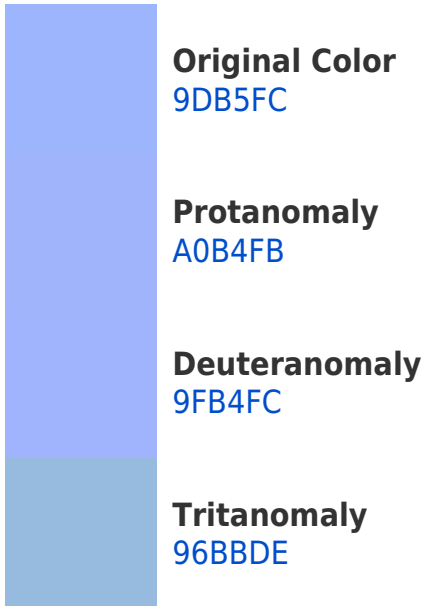
Protanopia
A1B4FB

Deuteranopia
A0B4FC



Tritanopia
92BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DB5FC 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 #9DB5FC looks like.

```
.text, #text, p{  
    color:#9DB5FC  
}
```

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 #9DB5FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DB5FC
}
```

Border

The CSS property to change the border of an element to Hex 9DB5FC 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
#9DB5FC }
```

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

```
.border{ border-color:#9DB5FC }
```

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

Here you see how a box with a 4 pixel #9DB5FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DB5FC; -webkit-box-shadow:4px 4px  
4px 4px #9DB5FC; box-shadow:4px 4px 4px  
4px #9DB5FC }
```

Background

The CSS property to change the background color of an element to Hex 9DB5FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DB5FC }
```

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

```
.background{ background-color:#9DB5FC }
```

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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