

Converting Colors

Hex(9DB5FF)

Have a look what the booklet for
Hex(9DB5FF) contains.

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Color

Hex(9DB5FF)

Conversions

Conversions Part 1

Format	Color
Hex	9DB5FF
RGB	157, 181, 255
RGB Percent	62%, 71%, 100%
CMY	0.3843, 0.2902, 0.0000
CMYK	0.38, 0.29, 0.00, 0.00
HSL	225°, 100%, 81%
HSV	225°, 38%, 100%
XYZ	48.4785, 47.4358, 101.2087
YIQ	182.2600, -38.0580, 17.9260

Conversions

Conversions Part 2

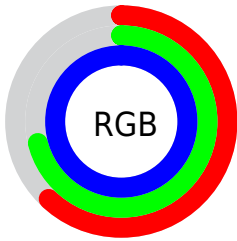
Format	Color
R _Y B	157, 176, 255
Decimal	10335743
CIE _{Lab}	74.47, 9.54, -39.21
CIE _{LCh}	74, 40.352, 283.681
Y _{xy}	47.4358, 0.2459, 0.2406
Android (android.graphics.Color)	4288525823 (0xFF9DB5FF)
YUV	182.2600, 35.8608, -22.1530
Hunter-Lab	68.8737, 5.1128, -38.9140

Details

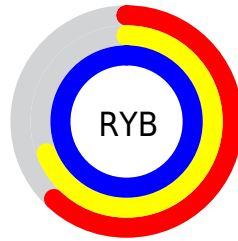
The Hex color **9DB5FF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **FFE79D**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **D6EDFF**, and **6580C6** is the 20% darker color. If you saturate the color by 10%, you get **84A2FF**, and if you desaturate by 10%, it is **B7C8FF**.

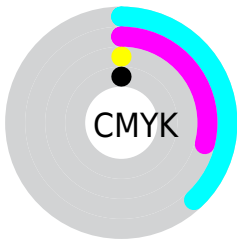
Distribution



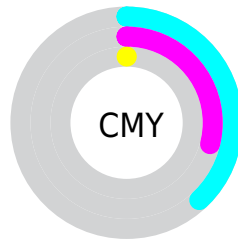
- Red (62%)
- Green (71%)
- Blue (100%)



- Red (62%)
- Yellow (69%)
- Blue (100%)



- Cyan (38%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9DB5FF 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 9DB5FF by changing the saturation by 10% instead.

 9DB5FF

 9DB5FF

FFFFFF

 819AE2

 D6EDFF

 6580C6

 F3FFFF

 4A68AA

 2C5090

 013976

 00245D

 000F45

 00032E

 000118

 9DB5FF

 9DB5FF

 84A2FF

 B7C8FF

 6A8EFF

 D0DCFF

 517BFF

 EAEFFF

 3768FF

FFFFFF

 1D55FF

 0441FF

 003EFF

Harmonies

Analogous

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



5CC1FE



9DB5FF



D1A7ED

Triad

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



9DB5FF



F8A286



66CAA1

Complementary

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



9DB5FF



FFE79D

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.



95C480



9DB5FF



E1AE70

Square

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



9DB5FF



FF9AA7



BFBA6E



2DCBC7

Rectangle

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



9DB5FF



EAA0D9



BFBA6E



77C895

Sweetspot

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



9DB5FF



E0E8FF



9DFFE7



6E7280



000000



808080

Same Dimension

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



9DB5FF



8AA6FF



B69DFF



737680



002FBF



001040

Inverse Universe

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



FF9DB5



FF8AA6



E7FF9D



807376



BF002F



400010

Previews

White Background



This preview shows how the Hex color 9DB5FF looks on a white background.

Color Contrast Check

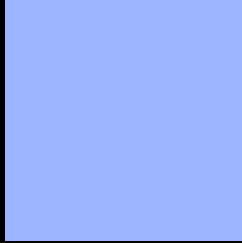
Large Text (above 18pt) WCAG AA × Fail

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 9DB5FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

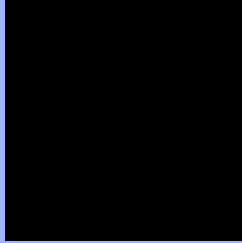
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

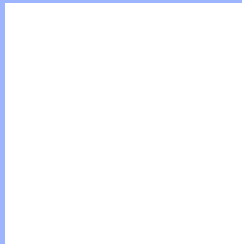
Any Text WCAG AAA ✓ Pass

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

Hex 9DB5FF Background



This preview shows how black text looks on a background with the Hex color 9DB5FF.



This preview shows how white text looks on a background with the Hex color 9DB5FF.

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

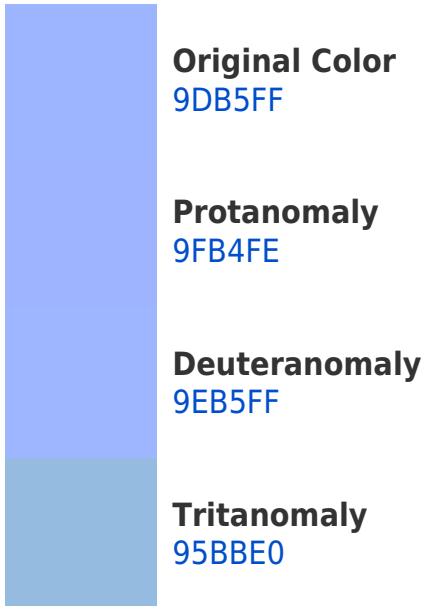


Original Color
9DB5FF

Protanopia
A0B4FE

Deuteranopia
9EB5FF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DB5FF 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 #9DB5FF looks like.

```
.text, #text, p{  
    color:#9DB5FF  
}
```

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 #9DB5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DB5FF  
}
```

Border

The CSS property to change the border of an element to Hex 9DB5FF 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  
#9DB5FF }
```

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

```
.border{ border-color:#9DB5FF }
```

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

Here you see how a box with a 4 pixel #9DB5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DB5FF; -webkit-box-shadow:4px 4px  
4px 4px #9DB5FF; box-shadow:4px 4px 4px  
4px #9DB5FF }
```

Background

The CSS property to change the background color of an element to Hex 9DB5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DB5FF }
```

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

```
.background{ background-color:#9DB5FF }
```

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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