

# Converting Colors

Hex(9DBCFD)

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

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# **Color**

**Hex(9DBCFD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DBCFD
RGB	157, 188, 253
RGB Percent	62%, 74%, 99%
CMY	0.3843, 0.2627, 0.0078
CMYK	0.38, 0.26, 0.00, 0.01
HSL	221°, 96%, 80%
HSV	221°, 38%, 99%
XYZ	49.6175, 50.2264, 100.0080
YIQ	186.1410, -39.3410, 13.6430

# Conversions

## Conversions Part 2

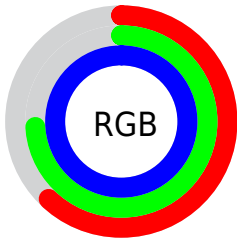
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">157, 180, 253</a>
Decimal	<a href="#">10337533</a>
CIELab	<a href="#">76.21, 5.15, -35.43</a>
CIELCh	<a href="#">76, 35.804, 278.265</a>
Yxy	<a href="#">50.2264, 0.2483, 0.2513</a>
Android (android.graphics.Color)	<a href="#">4288527613 (0xFF9DBCFD)</a>
YUV	<a href="#">186.1410, 32.9615, -25.5567</a>
Hunter-Lab	<a href="#">70.8706, 0.9468, -34.0569</a>

# Details

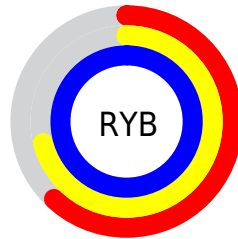
The Hex color **9DBCFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FDDE9D**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **D6F4FF**, and **6687C4** is the 20% darker color. If you saturate the color by 10%, you get **84ABFD**, and if you desaturate by 10%, it is **B6CDFD**.

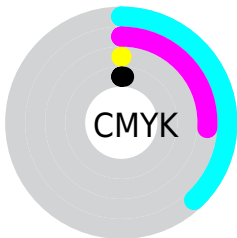
# Distribution



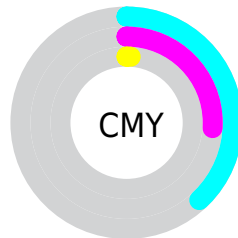
- Red (62%)
- Green (74%)
- Blue (99%)



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



- Cyan (38%)
- Magenta (26%)
- Yellow (0%)
- Black (1%)



- Cyan (38%)
- Magenta (26%)
- Yellow (1%)

# Brightness & Saturation Gradients

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



 9DBCFD

 9DBCFD

FFFFFF

 81A1E0

 D6F4FF

 6687C4

 F3FFFF

 4A6EA9

 2D568E

 043F74

 00295B

 001543

 00032D

 000117

 9DBCFD


 9DBCFD

 84ABFD

 B6CDFD

 6A9AFD

 D0DEFD

 5189FD

 E9EFFD

 3877FD

FFFFFFD

 1F66FD

 0555FD

 0052FD

# Harmonies

## Analogous

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



6AC6F9



9DBCFD



CCB0F0

# Triad

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



9DBCFD



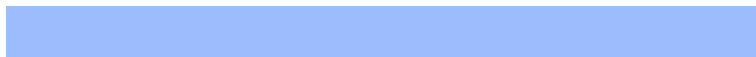
FAA795



7ECCA2

# Complementary

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



9DBCFD



FDDE9D

# 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.



A5C687



9DBCFD



E7B27F

# Square

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



9DBCFD



FDA3B4



CABD7A



58CEC4

# Rectangle

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



9DBCFD



E4A9DF



CABD7A



8BCA98

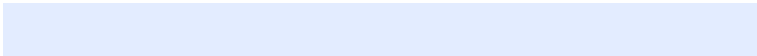


# Sweetspot

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



9DBCFD



E3ECFF



9DFDDD



6F7480



000000



808080



# Same Dimension

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



9DBCFD



8AB0FF



AD9DFD



737780



003EBF



001540



# Inverse Universe

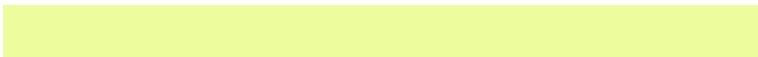
The Inverse Universe completely reimagines the original color for something new.



FD9DBC



FF8AB0



EDFD9D



807377



BF003E



400015



# Previews

## White Background



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

## Color Contrast Check

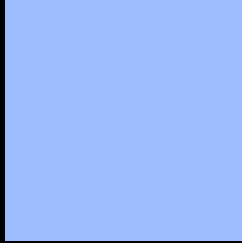
Large Text (above 18pt) WCAG AA × Fail

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 9DBCFD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

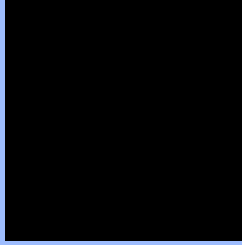
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

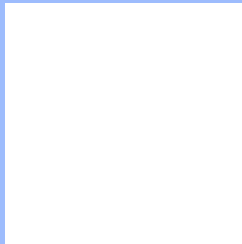
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9DBCFD Background



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



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

# 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](#).

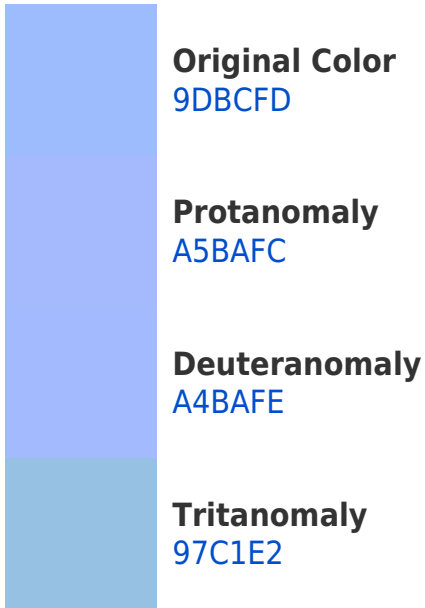
## Dichromacy



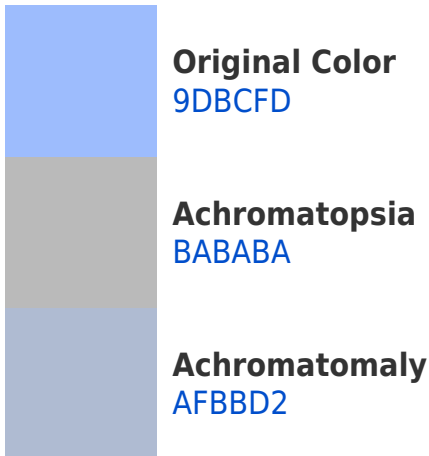


**Tritanopia**  
93C4D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #9DBCFD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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