

# Converting Colors

Hex(9DB0FF)

Have a look what the booklet for  
Hex(9DB0FF) contains.

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# **Color**

**Hex(9DB0FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DB0FF
RGB	157, 176, 255
RGB Percent	62%, 69%, 100%
CMY	0.3843, 0.3098, 0.0000
CMYK	0.38, 0.31, 0.00, 0.00
HSL	228°, 100%, 81%
HSV	228°, 38%, 100%
XYZ	47.4800, 45.4388, 100.8758
YIQ	179.3250, -36.6830, 20.5410

# Conversions

## Conversions Part 2

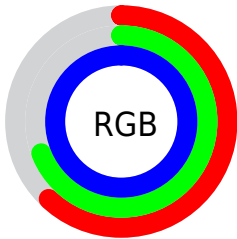
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 173, 255
Decimal	10334463
CIE <sub>Lab</sub>	73.18, 12.33, -41.21
CIE <sub>LCh</sub>	73, 43.019, 286.660
Yxy	45.4388, 0.2450, 0.2345
Android (android.graphics.Color)	4288524543 (0xFF9DB0FF)
YUV	179.3250, 37.3078, -19.5790
Hunter-Lab	67.4083, 7.7645, -41.5411

# Details

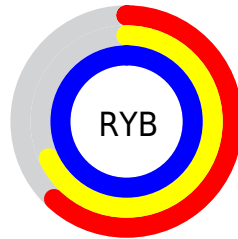
The Hex color **9DB0FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFEC9D**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **D6E7FF**, and **657CC6** is the 20% darker color. If you saturate the color by 10%, you get **849BFF**, and if you desaturate by 10%, it is **B7C5FF**.

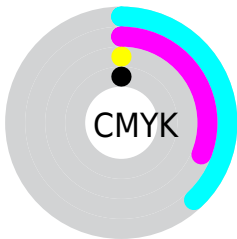
# Distribution



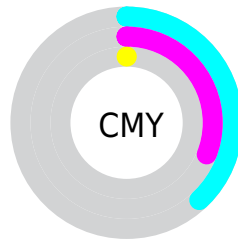
- Red (62%)
- Green (69%)
- Blue (100%)



- Red (62%)
- Yellow (68%)
- Blue (100%)



- Cyan (38%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (31%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DB0FF 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 9DB0FF by changing the saturation by 10% instead.



 9DB0FF

 9DB0FF

FFFFFF

 8195E2

 D6E7FF

 657CC6

 F4FFFF

 4A63AA

 2C4B90

 003576

 00205C

 000944

 00032D

 000118

 9DB0FF

 9DB0FF

 849BFF

 B7C5FF

 6A87FF

 D0D9FF

 5172FF

 EAEEFF

 375EFF

FFFFFF

 1D49FF

 0435FF

 0031FF

# Harmonies

## Analogous

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



53BDFE



9DB0FF



D3A1EA

# Triad

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



9DB0FF



F69E7C



55C7A0

# Complementary

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



9DB0FF



FFEC9D

# 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.



8BC27C



9DB0FF



DCAB67

# Square

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



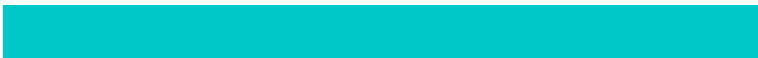
9DB0FF



FF959F



B7B866



00C8C9

# Rectangle

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



9DB0FF



EC99D4



B7B866



68C693



# Sweetspot

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



9DB0FF



E0E6FF



9DFFEB



6E7180



000000



808080



# Same Dimension

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



9DB0FF



8AA0FF



BA9DFF



737580



0025BF



000C40



# Inverse Universe

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



FF9DB0



FF8AA0



E2FF9D



807375



BF0025

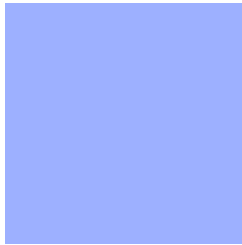


40000C



# Previews

## White Background



This preview shows how the Hex color 9DB0FF looks on a white background.

## Color Contrast Check

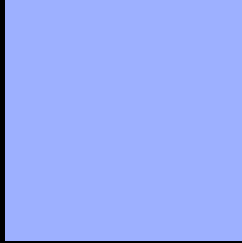
Large Text (above 18pt) WCAG AA × Fail

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 9DB0FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

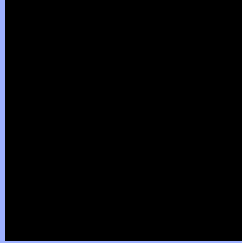
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9DB0FF Background



This preview shows how black text looks on a background with the Hex color 9DB0FF.



This preview shows how white text looks on a background with the Hex color 9DB0FF.

# 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](#).

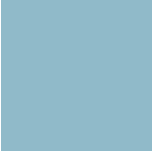
## Dichromacy



**Original Color**  
9DB0FF

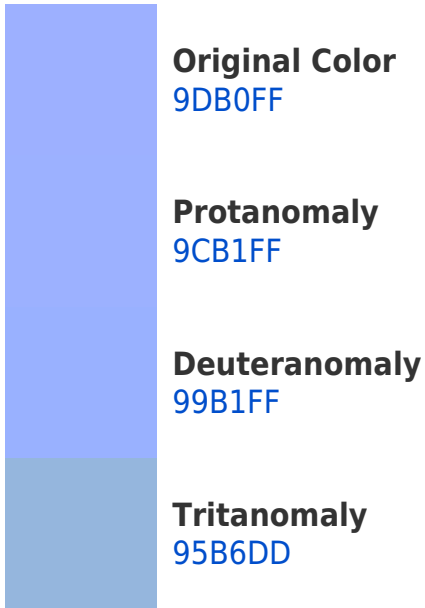
**Protanopia**  
9BB1FF

**Deuteranopia**  
97B2FF

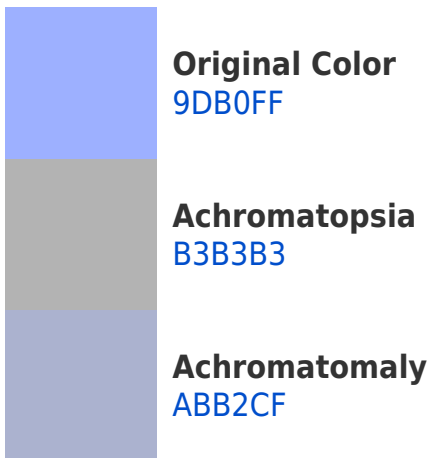


**Tritanopia**  
90BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DB0FF 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 #9DB0FF looks like.

```
.text, #text, p{  
    color:#9DB0FF  
}
```

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 #9DB0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DB0FF
}
```

## Border

The CSS property to change the border of an element to Hex 9DB0FF 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
#9DB0FF }
```

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

```
.border{ border-color:#9DB0FF }
```

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

Here you see how a box with a 4 pixel #9DB0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DB0FF; -webkit-box-shadow:4px 4px  
4px 4px #9DB0FF; box-shadow:4px 4px 4px  
4px #9DB0FF }
```

# Background

The CSS property to change the background color of an element to Hex 9DB0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DB0FF }
```

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

```
.background{ background-color:#9DB0FF }
```

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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