

# Converting Colors

Hex(9BD0FC)

Have a look what the booklet for  
Hex(9BD0FC) contains.

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**Color**

**Hex(9BD0FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BD0FC
RGB	155, 208, 252
RGB Percent	61%, 82%, 99%
CMY	0.3922, 0.1843, 0.0118
CMYK	0.38, 0.17, 0.00, 0.01
HSL	207°, 94%, 80%
HSV	207°, 38%, 99%
XYZ	53.6441, 59.1086, 100.6772
YIQ	197.1690, -45.7120, 2.4480

# Conversions

## Conversions Part 2

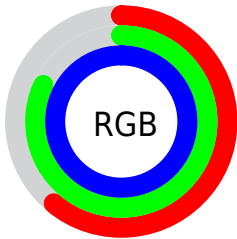
Format	Color
<a href="#">RYB</a>	<a href="#">155, 189, 252</a>
Decimal	<a href="#">10211580</a>
CIELab	<a href="#">81.35, -6.41, -27.00</a>
CIElCh	<a href="#">81, 27.748, 256.637</a>
Yxy	<a href="#">59.1086, 0.2513, 0.2769</a>
Android (android.graphics.Color)	<a href="#">4288401660</a> ( <a href="#">0xFF9BD0FC</a> )
YUV	<a href="#">197.1690, 27.0317, -36.9822</a>
Hunter-Lab	<a href="#">76.8821, -9.9962, -23.8228</a>

# Details

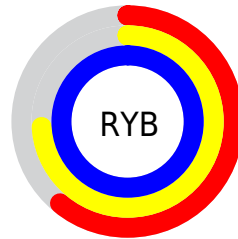
The Hex color **9BD0FC** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FCC79B**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D4FFFF**, and **639AC3** is the 20% darker color. If you saturate the color by 10%, you get **82C5FC**, and if you desaturate by 10%, it is **B4DBFC**.

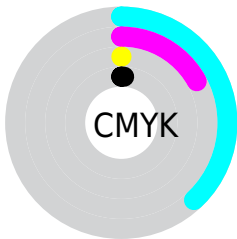
# Distribution



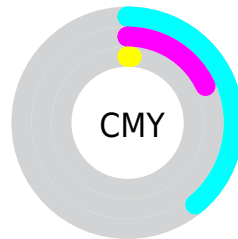
- Red (61%)
- Green (82%)
- Blue (99%)



- Red (61%)
- Yellow (74%)
- Blue (99%)



- Cyan (38%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (39%)
- Magenta (18%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BD0FC 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 9BD0FC by changing the saturation by 10% instead.



 9BD0FC

 9BD0FC

FFFFFF

 7FB4DF

 D4FFFF

 639AC3

 F1FFFF

 4880A8

 2A678D

 004F74

 00385B

 002343

 000C2D

 000118

 9BD0FC

 9BD0FC

 82C5FC

 B4DBFC

 69B9FC

 CDE7FC

 4FAEFC

 E7F2FC

 36A2FC

 FFFEFC

 1D97FC

FFFFFC

 048BFC

 008AFC

# Harmonies

## Analogous

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



82D6EF



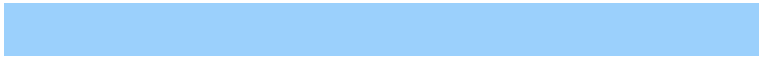
9BD0FC



BFC8FC

# Triad

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



9BD0FC



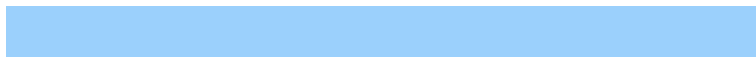
FFB8BC



B1D4A6

# Complementary

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



9BD0FC



FCC79B

# 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.



CECD98



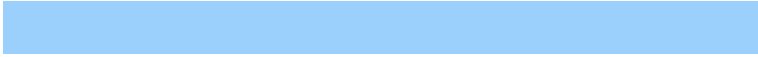
9BD0FC



FABCA5

# Square

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



9BD0FC



F7B9D7



E8C498



94D8BD

# Rectangle

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



9BD0FC



D6C1F4



E8C498

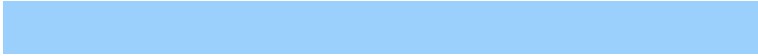


BBD2A0

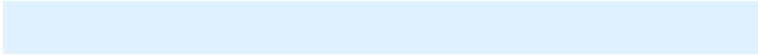


# Sweetspot

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



9BD0FC



E0F1FF



9BFCC7



6E7780



000000

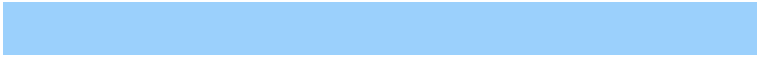


808080

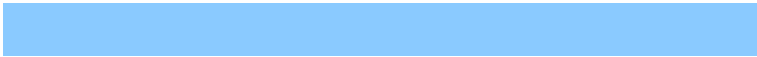


# Same Dimension

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



9BD0FC



8ACAFF



9BA0FC



70777D



0067BD



00213D



# Inverse Universe

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



FC9BD0



FF8ACA



FCF79B



7D7077



BD0067

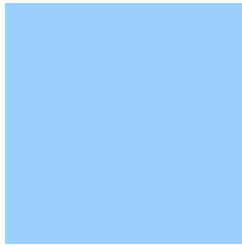


3D0021



# Previews

## White Background



This preview shows how the Hex color 9BD0FC looks on a white background.

## Color Contrast Check

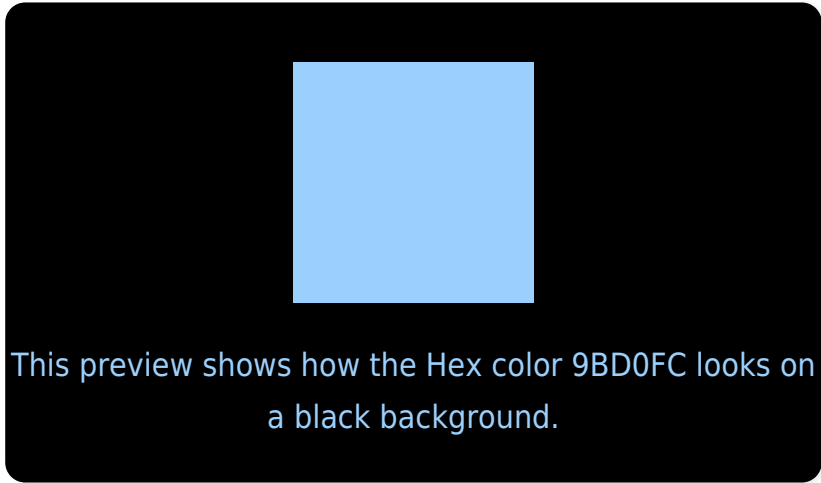
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

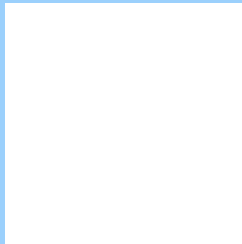
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BD0FC Background



This preview shows how black text looks on a background with the Hex color 9BD0FC.



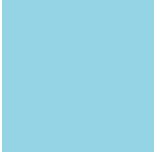
This preview shows how white text looks on a background with the Hex color 9BD0FC.

# 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](#).

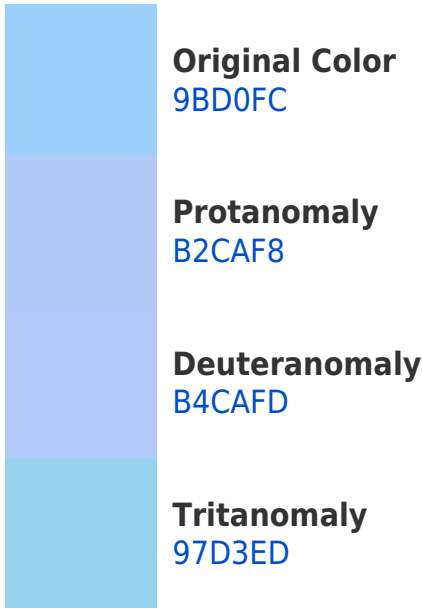
## Dichromacy



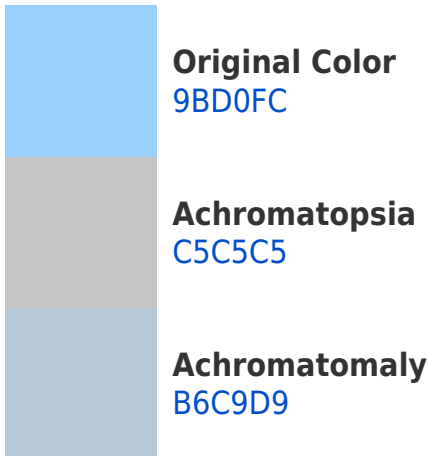


**Tritanopia**  
95D4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BD0FC 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 #9BD0FC looks like.

```
.text, #text, p{  
    color:#9BD0FC  
}
```

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 #9BD0FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD0FC
}
```

## Border

The CSS property to change the border of an element to Hex 9BD0FC 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
#9BD0FC }
```

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

```
.border{ border-color:#9BD0FC }
```

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

Here you see how a box with a 4 pixel #9BD0FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD0FC; -webkit-box-shadow:4px 4px  
4px 4px #9BD0FC; box-shadow:4px 4px 4px  
4px #9BD0FC }
```

# Background

The CSS property to change the background color of an element to Hex 9BD0FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD0FC }
```

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

```
.background{ background-color:#9BD0FC }
```

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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