

# Converting Colors

Hex(B9ADFC)

Have a look what the booklet for  
Hex(B9ADFC) contains.

<b>Hex(B9ADFC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B9ADFC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9ADFC
RGB	185, 173, 252
RGB Percent	73%, 68%, 99%
CMY	0.2745, 0.3216, 0.0118
CMYK	0.27, 0.31, 0.00, 0.01
HSL	249°, 93%, 83%
HSV	249°, 31%, 99%
XYZ	52.5218, 47.2297, 98.4435
YIQ	185.5940, -18.2070, 27.1130

# Conversions

## Conversions Part 2

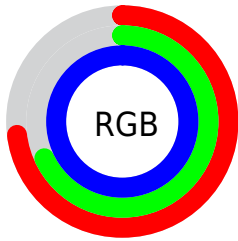
Format	Color
R <sub>YB</sub>	185, 173, 252
Decimal	12168700
CIE Lab	74.34, 20.92, -37.64
CIE LCh	74, 43.063, 299.066
Yxy	47.2297, 0.2650, 0.2383
Android (android.graphics.Color)	4290358780 (0xFFB9ADFC)
YUV	185.5940, 32.7382, -0.5209
Hunter-Lab	68.7239, 16.1509, -36.8232

# Details

The Hex color **B9ADFC** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F0FCAD**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **F2E4FF**, and **8279C3** is the 20% darker color. If you saturate the color by 10%, you get **A494FC**, and if you desaturate by 10%, it is **CEC6FC**.

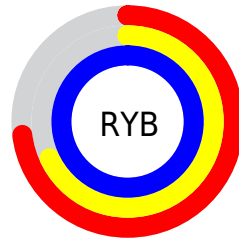
# Distribution



Red (73%)

Green (68%)

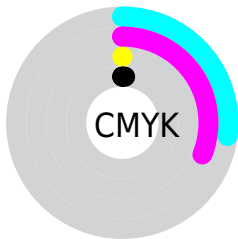
Blue (99%)



Red (73%)

Yellow (68%)

Blue (99%)

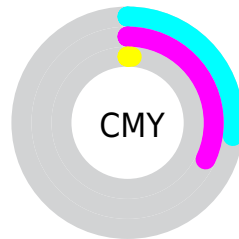


Cyan (27%)

Magenta (31%)

Yellow (0%)

Black (1%)



Cyan (27%)

Magenta (32%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9ADFC 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 B9ADFC by changing the saturation by 10% instead.



 B9ADFC

 B9ADFC

FFFFFF

 9D92DF

 F2E4FF

 8279C3

 6860A8

 4E488D

 343273

 181D5A

 000642

 00032B

 000116

 B9ADFC

 B9ADFC

 A494FC

 CEC6FC

 8E7BFC

 E4DFFC

 7961FC

 F9F9FC

 6448FC

FFFFFFC

 4E2FFC

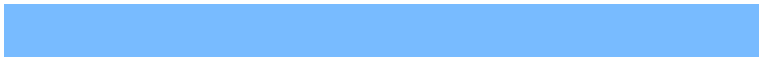
 3916FC

 2600FC

# Harmonies

## Analogous

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



78BBFF



B9ADFC



E79FE0

# Triad

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



B9ADFC



F1A674



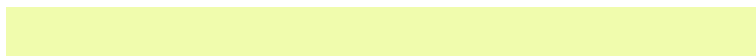
3CCCB4

# Complementary

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



B9ADFC



F0FCAD

# 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.



79C88D



B9ADFC



D1B467

# Square

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



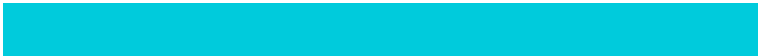
B9ADFC



FF9B92



A9C070



00CBDC

# Rectangle

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



B9ADFC



FA99C7



A9C070



53CBA6



# Sweetspot

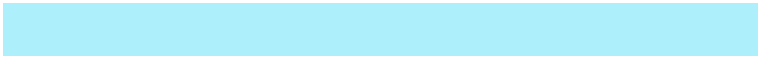
The Sweet Spot groups the original color and five complimentary colors.



B9ADFC



ECE8FF



ADF0FC



747180



000000



808080



# Same Dimension

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



B9ADFC



AD9EFF



E0ADFC



72707D



1D00BD



09003D



# Inverse Universe

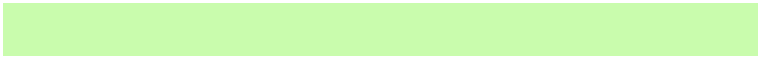
The Inverse Universe completely reimagines the original color for something new.



FCADF0



FF9EF0



C9FCAD



7D707B



BD00A0

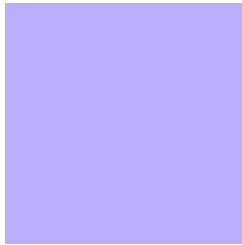


3D0034



# Previews

## White Background



This preview shows how the Hex color B9ADFC looks on a white background.

## Color Contrast Check

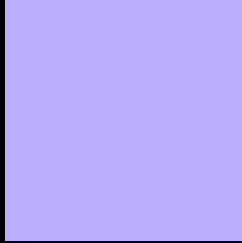
Large Text (above 18pt) WCAG AA × Fail

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 B9ADFC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

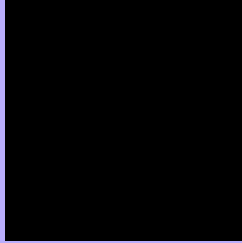
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B9ADFC Background



This preview shows how black text looks on a background with the Hex color B9ADFC.



This preview shows how white text looks on a background with the Hex color B9ADFC.

# 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**  
B9ADFC

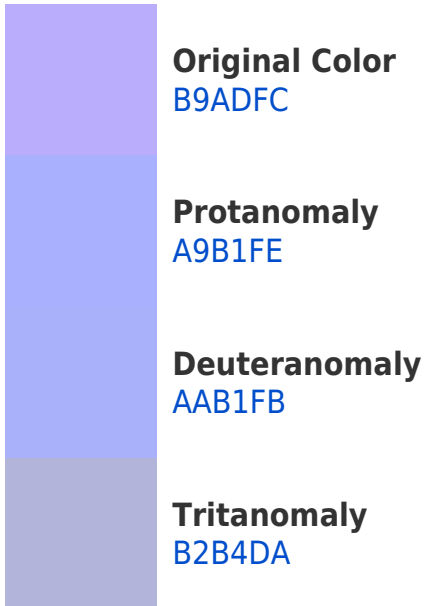
**Protanopia**  
A0B4FF

**Deuteranopia**  
A2B4FA

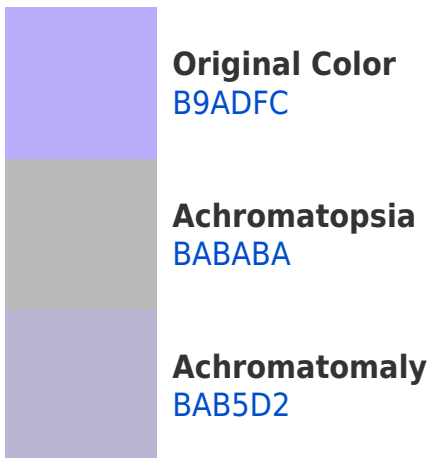


**Tritanopia**  
AEB8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9ADFC 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 #B9ADFC looks like.

```
.text, #text, p{  
    color:#B9ADFC  
}
```

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 #B9ADFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9ADFC
}
```

## Border

The CSS property to change the border of an element to Hex B9ADFC 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
#B9ADFC }
```

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

```
.border{ border-color:#B9ADFC }
```

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

Here you see how a box with a 4 pixel #B9ADFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9ADFC; -webkit-box-shadow:4px 4px  
4px 4px #B9ADFC; box-shadow:4px 4px 4px  
4px #B9ADFC }
```

# Background

The CSS property to change the background color of an element to Hex B9ADFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9ADFC }
```

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

```
.background{ background-color:#B9ADFC }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor