

# Converting Colors

Hex(B9B3FE)

Have a look what the booklet for  
Hex(B9B3FE) contains.

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# Color

Hex(B9B3FE)

# Conversions

## Conversions Part 1

Format	Color
Hex	B9B3FE
RGB	185, 179, 254
RGB Percent	73%, 70%, 100%
CMY	0.2745, 0.2980, 0.0039
CMYK	0.27, 0.30, 0.00, 0.00
HSL	245°, 97%, 85%
HSV	245°, 30%, 100%
XYZ	54.0171, 49.7102, 100.5140
YIQ	189.3440, -20.4990, 24.5970

# Conversions

## Conversions Part 2

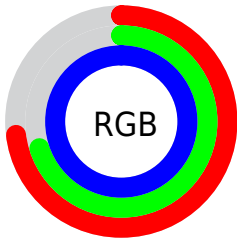
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 179, 254
Decimal	12170238
CIE <sub>Lab</sub>	75.89, 18.08, -36.31
CIE <sub>LCh</sub>	76, 40.557, 296.469
Yxy	49.7102, 0.2645, 0.2434
Android (android.graphics.Color)	4290360318 (0xFFB9B3FE)
YUV	189.3440, 31.8754, -3.8097
Hunter-Lab	70.5055, 13.3714, -35.1711

# Details

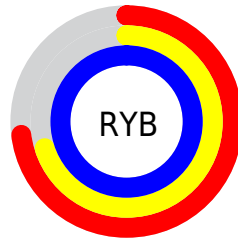
The Hex color **B9B3FE** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F8FEB3**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **F2EBFF**, and **827EC5** is the 20% darker color. If you saturate the color by 10%, you get **A29AFE**, and if you desaturate by 10%, it is **D0CCFE**.

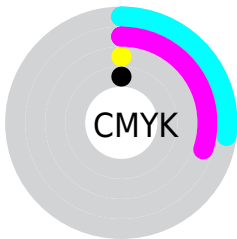
# Distribution



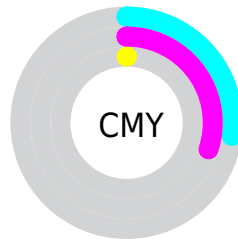
- Red (73%)
- Green (70%)
- Blue (100%)



- Red (73%)
- Yellow (70%)
- Blue (100%)



- Cyan (27%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (30%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9B3FE 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 B9B3FE by changing the saturation by 10% instead.



 B9B3FE

 B9B3FE

FFFFFF

 9D98E1

 F2EBFF

 827EC5

 6865AA

 4E4D8F

 343775

 18215C

 000D44

 00032D

 000118

 B9B3FE

 B9B3FE

 A29AFE

 D0CCFE

 8A80FE

 E8E6FE

 7367FE

FFFFFFE

 5C4DFE

 4434FE

 2D1BFE

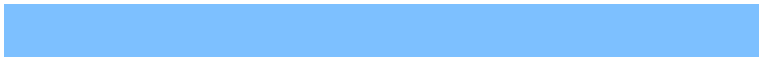
 1501FE

 1400FE

# Harmonies

## Analogous

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



7DC0FF



B9B3FE



E6A6E5

# Triad

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



B9B3FE



F5AA7E



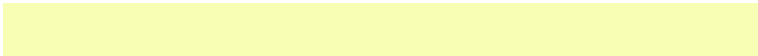
53CFB5

# Complementary

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



B9B3FE



F8FEB3

# 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.



86CB90



B9B3FE



D8B770

# Square

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



B9B3FE



FFA09C



B2C377



1ACEDB

# Rectangle

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



B9B3FE



F9A0CE



B2C377



65CEA8



# Sweetspot

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



B9B3FE



EAE8FF



B3F9FE



737180



000000



808080



# Same Dimension

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



B9B3FE



ADA6FF



DDB3FE



747380



0F00BF



050040



# Inverse Universe

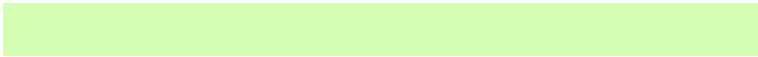
The Inverse Universe completely reimagines the original color for something new.



FEB3F8



FFA6F8



D3FEB3



80737E



BF00B0

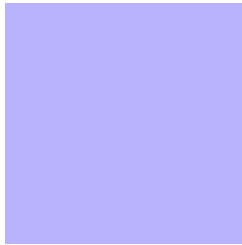


40003B



# Previews

## White Background



This preview shows how the Hex color B9B3FE looks on a white background.

## Color Contrast Check

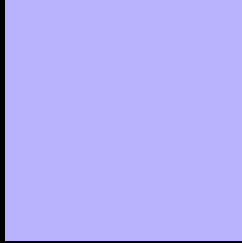
Large Text (above 18pt) WCAG AA × Fail

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 B9B3FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

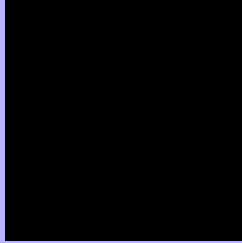
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B9B3FE Background



This preview shows how black text looks on a background with the Hex color B9B3FE.

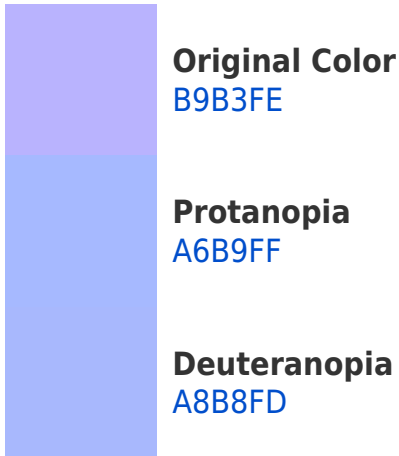


This preview shows how white text looks on a background with the Hex color B9B3FE.

# Color Blindness Simulation

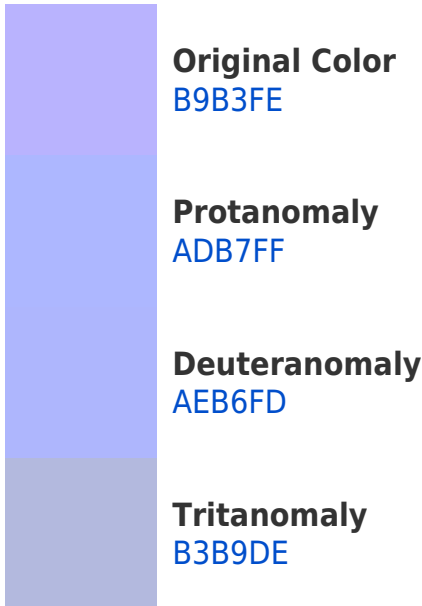
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

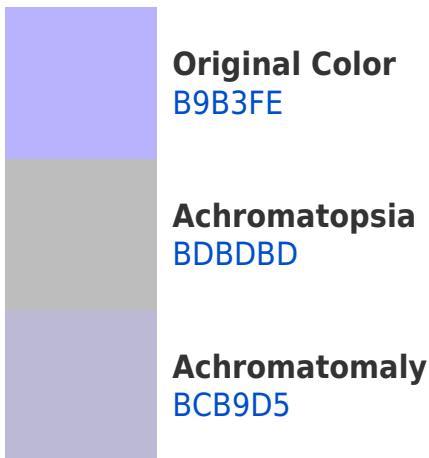




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9B3FE 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 #B9B3FE looks like.

```
.text, #text, p{  
    color:#B9B3FE  
}
```

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 #B9B3FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9B3FE  
}
```

## Border

The CSS property to change the border of an element to Hex B9B3FE 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  
#B9B3FE }
```

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

```
.border{ border-color:#B9B3FE }
```

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

Here you see how a box with a 4 pixel #B9B3FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9B3FE; -webkit-box-shadow:4px 4px  
4px 4px #B9B3FE; box-shadow:4px 4px 4px  
4px #B9B3FE }
```

# Background

The CSS property to change the background color of an element to Hex B9B3FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9B3FE }
```

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

```
.background{ background-color:#B9B3FE }
```

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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