

# Converting Colors

Hex(B7B3FC)

Have a look what the booklet for  
Hex(B7B3FC) contains.

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# **Color**

**Hex(B7B3FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7B3FC
RGB	183, 179, 252
RGB Percent	72%, 70%, 99%
CMY	0.2824, 0.2980, 0.0118
CMYK	0.27, 0.29, 0.00, 0.01
HSL	243°, 92%, 85%
HSV	243°, 29%, 99%
XYZ	53.2192, 49.3358, 98.8133
YIQ	188.5180, -21.0490, 23.5510

# Conversions

## Conversions Part 2

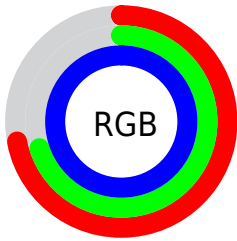
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 179, 252
Decimal	12039164
CIE <sub>Lab</sub>	75.66, 17.03, -35.60
CIE <sub>LCh</sub>	76, 39.462, 295.559
Yxy	49.3358, 0.2643, 0.2450
Android (android.graphics.Color)	4290229244 (0xFFB7B3FC)
YUV	188.5180, 31.2966, -4.8393
Hunter-Lab	70.2394, 12.3275, -34.2420

# Details

The Hex color **B7B3FC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F8FCB3**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **F0EBFF**, and **807EC3** is the 20% darker color. If you saturate the color by 10%, you get **9F9AFC**, and if you desaturate by 10%, it is **CFCCFC**.

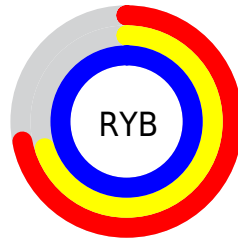
# Distribution



Red (72%)

Green (70%)

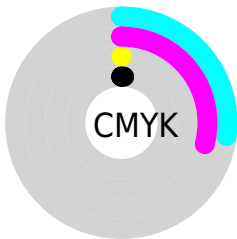
Blue (99%)



Red (72%)

Yellow (70%)

Blue (99%)

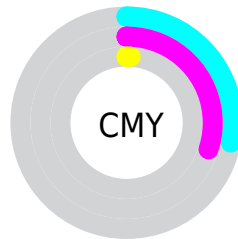


Cyan (27%)

Magenta (29%)

Yellow (0%)

Black (1%)



Cyan (28%)

Magenta (30%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7B3FC 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 B7B3FC by changing the saturation by 10% instead.



 B7B3FC

 B7B3FC

FFFFFF

 9B98DF

 F0EBFF

 807EC3

 6665A8

 4C4D8D

 323773

 16225A

 000D42

 00032C

 000116

 B7B3FC

 B7B3FC

 9F9AFC

 CFCCFC

 8781FC

 E7E5FC

 7067FC

 FEFFFC

 584EFC

FFFFFC

 4035FC

 281CFC

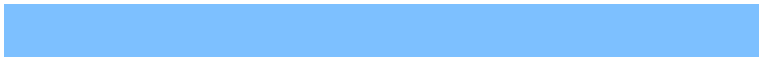
 1003FC

 0E00FC

# Harmonies

## Analogous

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



7DC0FF



B7B3FC



E3A6E4

# Triad

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



B7B3FC



F3AA80



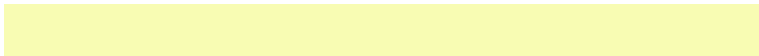
58CEB4

# Complementary

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



B7B3FC



F8FCB3

# 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.



88CA90



B7B3FC



D8B671

# Square

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



B7B3FC



FFA09D



B3C278



29CDD9

# Rectangle

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



B7B3FC



F6A0CE



B3C278



69CDA7



# Sweetspot

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



B7B3FC



E9E8FF



B3F8FC



727180



000000



808080



# Same Dimension

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



B7B3FC



ABA6FF



DBB3FC



71707D



0A00BD



03003D



# Inverse Universe

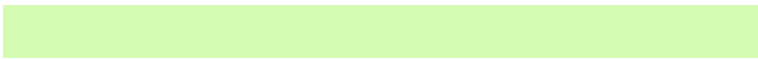
The Inverse Universe completely reimagines the original color for something new.



FCB3F8



FFA6FA



D4FCB3



7D707C



BD00B2

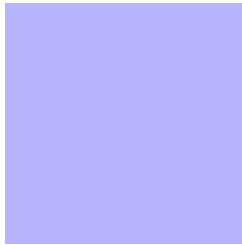


3D003A



# Previews

## White Background



This preview shows how the Hex color B7B3FC looks on a white background.

## Color Contrast Check

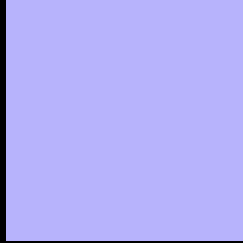
Large Text (above 18pt) WCAG AA × Fail

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 B7B3FC 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 B7B3FC Background



This preview shows how black text looks on a background with the Hex color B7B3FC.

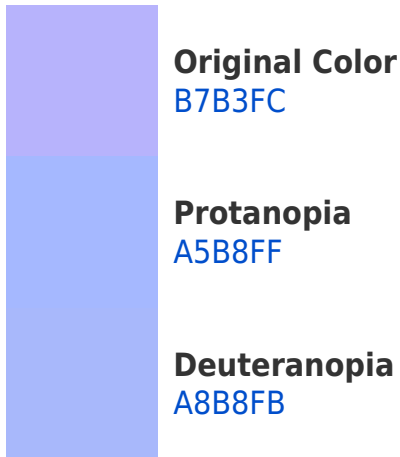


This preview shows how white text looks on a background with the Hex color B7B3FC.

# Color Blindness Simulation

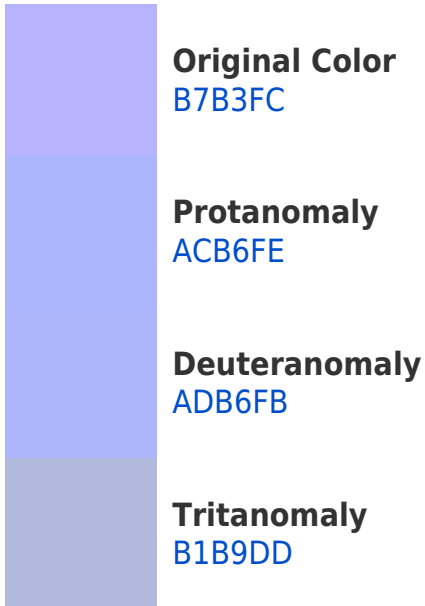
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

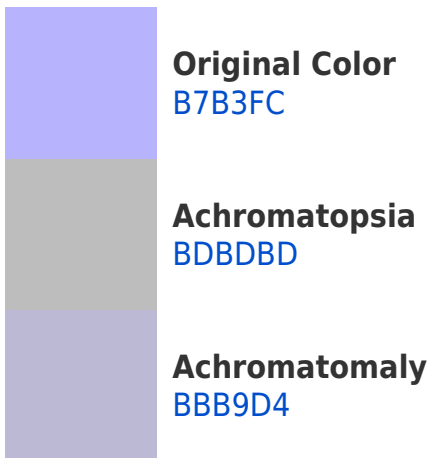




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7B3FC 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 #B7B3FC looks like.

```
.text, #text, p{  
    color:#B7B3FC  
}
```

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 #B7B3FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7B3FC
}
```

## Border

The CSS property to change the border of an element to Hex B7B3FC 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
#B7B3FC }
```

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

```
.border{ border-color:#B7B3FC }
```

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

Here you see how a box with a 4 pixel #B7B3FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7B3FC; -webkit-box-shadow:4px 4px  
4px 4px #B7B3FC; box-shadow:4px 4px 4px  
4px #B7B3FC }
```

# Background

The CSS property to change the background color of an element to Hex B7B3FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7B3FC }
```

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

```
.background{ background-color:#B7B3FC }
```

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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