

# Converting Colors

Hex(B8B0FD)

Have a look what the booklet for  
Hex(B8B0FD) contains.

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# **Color**

**Hex(B8B0FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8B0FD
RGB	184, 176, 253
RGB Percent	72%, 69%, 99%
CMY	0.2784, 0.3098, 0.0078
CMYK	0.27, 0.30, 0.00, 0.01
HSL	246°, 95%, 84%
HSV	246°, 30%, 99%
XYZ	53.0221, 48.3329, 99.4631
YIQ	187.1700, -19.9490, 25.6430

# Conversions

## Conversions Part 2

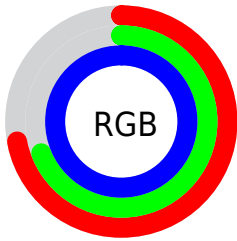
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">184, 176, 253</a>
Decimal	<a href="#">12103933</a>
CIELab	<a href="#">75.03, 19.21, -37.10</a>
CIELCh	<a href="#">75, 41.780, 297.375</a>
Yxy	<a href="#">48.3329, 0.2640, 0.2407</a>
Android (android.graphics.Color)	<a href="#">4290294013 (0xFFB8B0FD)</a>
YUV	<a href="#">187.1700, 32.4542, -2.7801</a>
Hunter-Lab	<a href="#">69.5218, 14.4731, -36.1594</a>

# Details

The Hex color **B8B0FD** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F5FDB0**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **F1E8FF**, and **817CC4** is the 20% darker color. If you saturate the color by 10%, you get **A197FD**, and if you desaturate by 10%, it is **CFC9FD**.

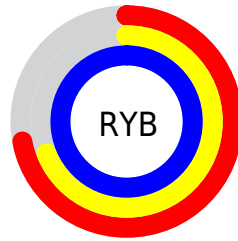
# Distribution



Red (72%)

Green (69%)

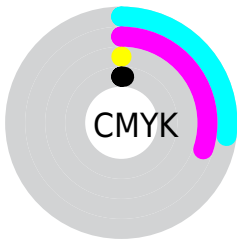
Blue (99%)



Red (72%)

Yellow (69%)

Blue (99%)

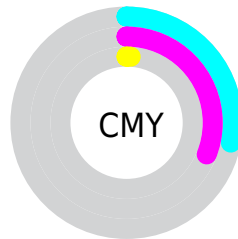


Cyan (27%)

Magenta (30%)

Yellow (0%)

Black (1%)



Cyan (28%)

Magenta (31%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8B0FD 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 B8B0FD by changing the saturation by 10% instead.




 B8B0FD

 B8B0FD

FFFFFF

 9C95E0

 F1E8FF

 817CC4

 6763A9

 4D4B8E

 333474

 171F5B

 000A43

 00032C

 000117

 B8B0FD

 B8B0FD

 A197FD

 CFC9FD

 8B7DFD

 E5E3FD

 7464FD

 FCFCFD

 5D4BFD

FFFFFFD

 4731FD

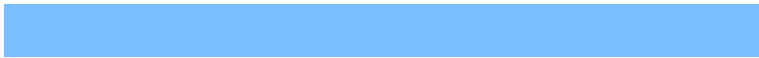
 3018FD

 1A00FD

# Harmonies

## Analogous

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



79BEFF



B8B0FD



E6A2E3

# Triad

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



B8B0FD



F3A879



49CDB4

# Complementary

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



B8B0FD



F5FDB0

# 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.



80C98E



B8B0FD



D5B56B

# Square

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



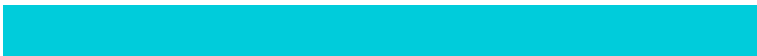
B8B0FD



FF9D97



AEC173



00CCDB

# Rectangle

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



B8B0FD



F99CCB



AEC173



5DCCA7



# Sweetspot

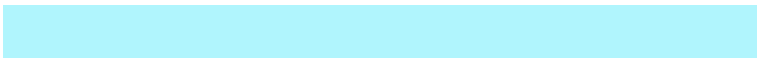
The Sweet Spot groups the original color and five complimentary colors.



B8B0FD



EAE8FF



B0F5FD



737180



000000



808080



# Same Dimension

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



B8B0FD



AAA1FF



DEB0FD



747380



1400BF



070040



# Inverse Universe

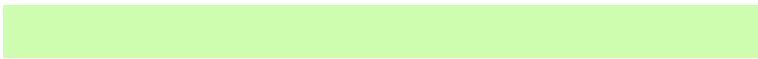
The Inverse Universe completely reimagines the original color for something new.



FDB0F5



FFA1F5



CFFDB0



80737E



BF00AB

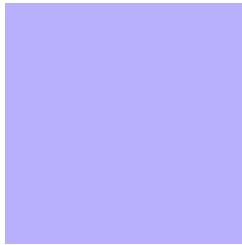


400039



# Previews

## White Background



This preview shows how the Hex color B8B0FD looks on a white background.

## Color Contrast Check

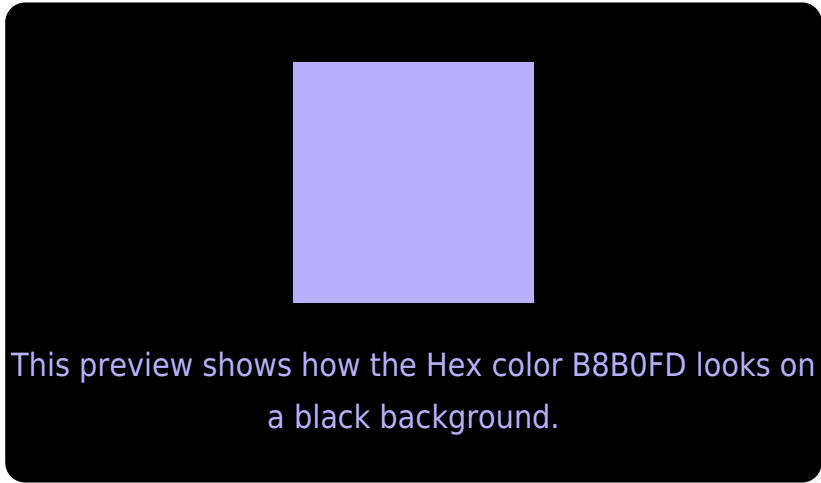
Large Text (above 18pt) WCAG AA × Fail

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

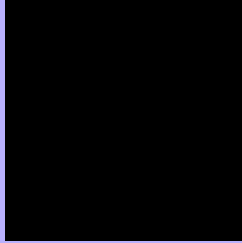
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B8B0FD Background



This preview shows how black text looks on a background with the Hex color B8B0FD.

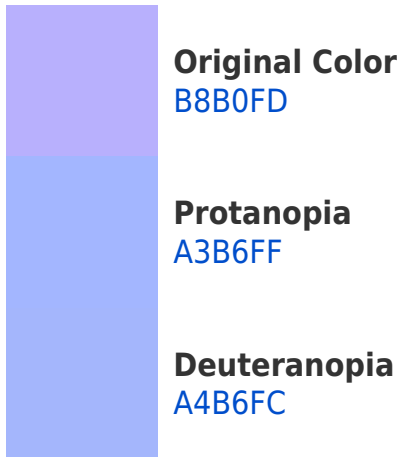


This preview shows how white text looks on a background with the Hex color B8B0FD.

# Color Blindness Simulation

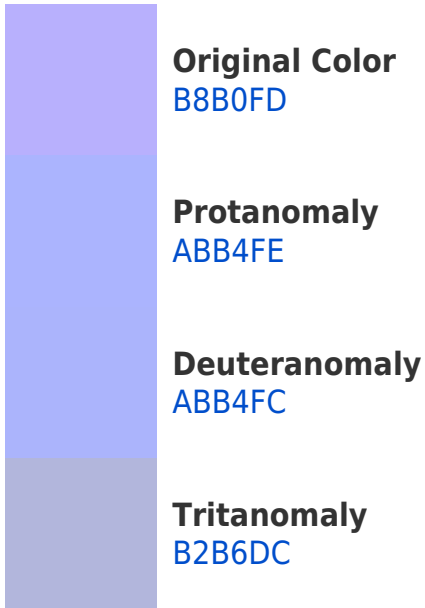
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

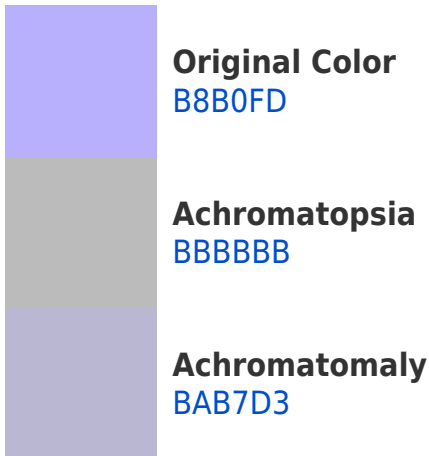




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8B0FD 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 #B8B0FD looks like.

```
.text, #text, p{  
    color:#B8B0FD  
}
```

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 #B8B0FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8B0FD
}
```

## Border

The CSS property to change the border of an element to Hex B8B0FD 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
#B8B0FD }
```

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

```
.border{ border-color:#B8B0FD }
```

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

Here you see how a box with a 4 pixel #B8B0FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8B0FD; -webkit-box-shadow:4px 4px  
4px 4px #B8B0FD; box-shadow:4px 4px 4px  
4px #B8B0FD }
```

# Background

The CSS property to change the background color of an element to Hex B8B0FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8B0FD }
```

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

```
.background{ background-color:#B8B0FD }
```

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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