

# Converting Colors

Hex(BFB7F7)

Have a look what the booklet for  
Hex(BFB7F7) contains.

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# **Color**

**Hex(BFB7F7)**

# Conversions

## Conversions Part 1

| Format      | Color                              |
|-------------|------------------------------------|
| Hex         | <b>BFB7F7</b>                      |
| RGB         | <b>191, 183, 247</b>               |
| RGB Percent | <b>75%, 72%, 97%</b>               |
| CMY         | <b>0.2510, 0.2824, 0.0314</b>      |
| CMYK        | <b>0.23, 0.26, 0.00, 0.03</b>      |
| HSL         | <b>248°, 80%, 84%</b>              |
| HSV         | <b>248°, 26%, 97%</b>              |
| XYZ         | <b>55.2078, 51.6587, 95.0571</b>   |
| YIQ         | <b>192.6880, -15.7760, 21.6000</b> |

# Conversions

## Conversions Part 2

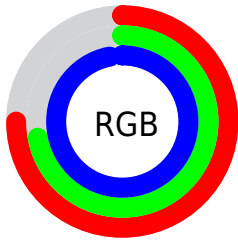
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">191, 183, 247</a>                  |
| Decimal                             | <a href="#">12564471</a>                       |
| CIELab                              | <a href="#">77.08, 15.99, -30.67</a>           |
| CIELCh                              | <a href="#">77, 34.590, 297.533</a>            |
| Yxy                                 | <a href="#">51.6587, 0.2734,<br/>0.2558</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4290754551<br/>(0xFFBFB7F7)</a>    |
| YUV                                 | <a href="#">192.6880, 26.7758,<br/>-1.4804</a> |
| Hunter-Lab                          | <a href="#">71.8740, 11.3298,<br/>-28.1022</a> |

# Details

The Hex color **BFB7F7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EFF7B7**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **F8EFFF**, and **8882BE** is the 20% darker color. If you saturate the color by 10%, you get **A99EF7**, and if you desaturate by 10%, it is **D5D0F7**.

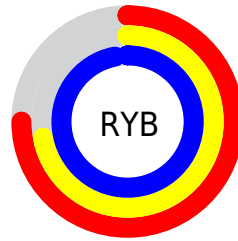
# Distribution



Red (75%)

Green (72%)

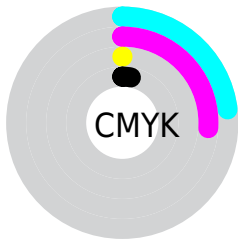
Blue (97%)



Red (75%)

Yellow (72%)

Blue (97%)

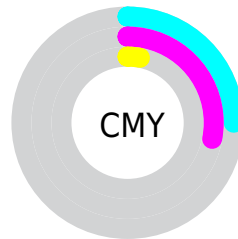


Cyan (23%)

Magenta (26%)

Yellow (0%)

Black (3%)



Cyan (25%)

Magenta (28%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFB7F7 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 BFB7F7 by changing the saturation by 10% instead.



 BFB7F7

FFFFFF

 F8EFFF

 BFB7F7

 A39CDA

 8882BE

 6E69A3

 555189

 3C3A6F

 232456

 07103F

 000029

 000112

 BFB7F7

 BFB7F7

 A99EF7

 D5D0F7

 9486F7

 EAE8F7

 7E6DF7

 FFFFF7

 6954F7

 533CF7

 3D23F7

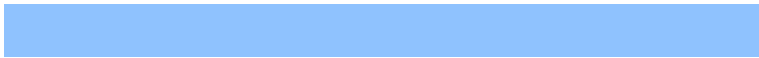
 280AF7

 1F00F7

# Harmonies

## Analogous

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



8FC2FE



BFB7F7



E5ACE1

# Triad

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



BFB7F7



F0B189



6BD0BA

# Complementary

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



BFB7F7



EFF7B7

# 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.



90CC9B



BFB7F7



D7BB7E

# Square

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



BFB7F7



FDA8A2



B6C585



53CFDB

# Rectangle

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



BFB7F7



F5A8CD



B6C585



77CFAF



# Sweetspot

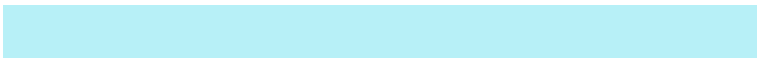
The Sweet Spot groups the original color and five complimentary colors.



BFB7F7



EDEBFF



B7F0F7



747380



000000



808080



# Same Dimension

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



BFB7F7



BAB0FF



DEB7F7



706E7A



1700BA



07003B



# Inverse Universe

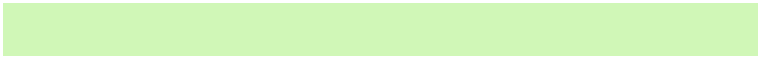
The Inverse Universe completely reimagines the original color for something new.



F7B7EF



FFB0F5



D0F7B7



7A6E79



BA00A3

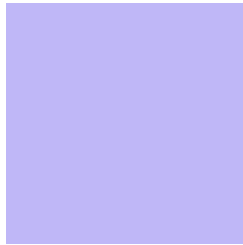


3B0033



# Previews

## White Background



This preview shows how the Hex color BFB7F7 looks on a white background.

## Color Contrast Check

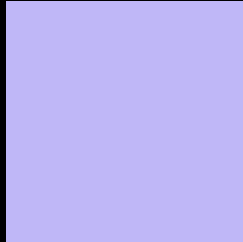
Large Text (above 18pt) WCAG AA × Fail

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 BFB7F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

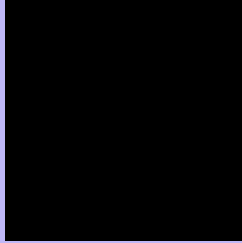
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BFB7F7 Background



This preview shows how black text looks on a background with the Hex color BFB7F7.



This preview shows how white text looks on a background with the Hex color BFB7F7.

# 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**  
BFB7F7

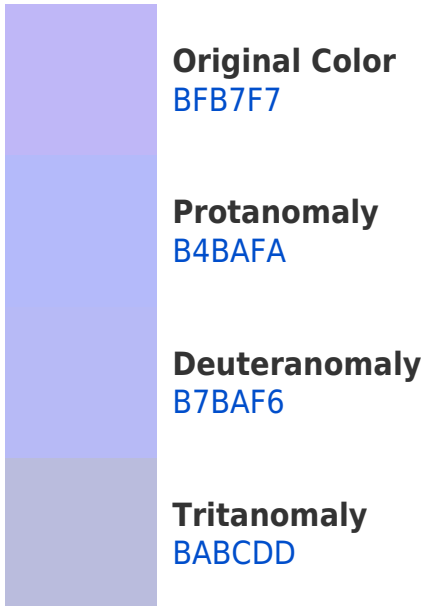
**Protanopia**  
ADBCFB

**Deuteranopia**  
B3BBF6

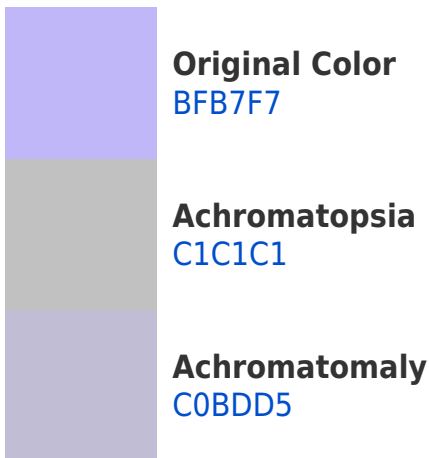


**Tritanopia**  
B7BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFB7F7 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 #BFB7F7 looks like.

```
.text, #text, p{  
    color:#BFB7F7  
}
```

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 #BFB7F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFB7F7
}
```

## Border

The CSS property to change the border of an element to Hex BFB7F7 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
#BFB7F7 }
```

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

```
.border{ border-color:#BFB7F7 }
```

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

Here you see how a box with a 4 pixel #BFB7F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFB7F7; -webkit-box-shadow:4px 4px  
4px 4px #BFB7F7; box-shadow:4px 4px 4px  
4px #BFB7F7 }
```

# Background

The CSS property to change the background color of an element to Hex BFB7F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFB7F7 }
```

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

```
.background{ background-color:#BFB7F7 }
```

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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