

# Converting Colors

Hex(BFB3F6)

Have a look what the booklet for  
Hex(BFB3F6) contains.

<b>Hex(BFB3F6)</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(BFB3F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFB3F6
RGB	191, 179, 246
RGB Percent	75%, 70%, 96%
CMY	0.2510, 0.2980, 0.0353
CMYK	0.22, 0.27, 0.00, 0.04
HSL	251°, 79%, 83%
HSV	251°, 27%, 96%
XYZ	54.2405, 49.9704, 93.9752
YIQ	190.2260, -14.3550, 23.3810

# Conversions

## Conversions Part 2

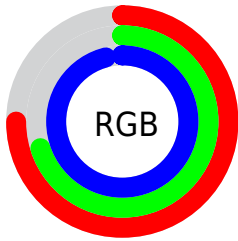
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">191, 179, 246</a>
Decimal	<a href="#">12563446</a>
CIELab	<a href="#">76.05, 17.96, -31.71</a>
CIELCh	<a href="#">76, 36.444, 299.522</a>
Yxy	<a href="#">49.9704, 0.2737, 0.2521</a>
Android (android.graphics.Color)	<a href="#">4290753526</a> ( <a href="#">0xFFBFB3F6</a> )
YUV	<a href="#">190.2260, 27.4966, 0.6788</a>
Hunter-Lab	<a href="#">70.6897, 13.2567, -29.3376</a>

# Details

The Hex color **BFB3F6** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EAF6B3**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **F8EBFF**, and **887EBD** is the 20% darker color. If you saturate the color by 10%, you get **AB9AF6**, and if you desaturate by 10%, it is **D3CCF6**.

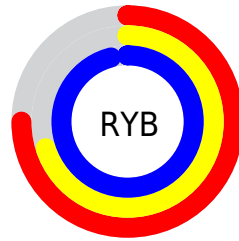
# Distribution



Red (75%)

Green (70%)

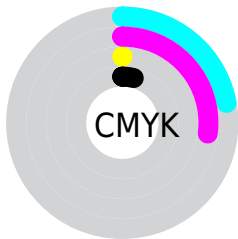
Blue (96%)



Red (75%)

Yellow (70%)

Blue (96%)

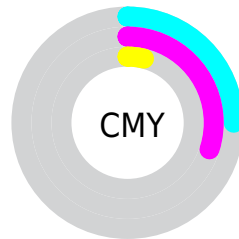


Cyan (22%)

Magenta (27%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (30%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFB3F6 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 BFB3F6 by changing the saturation by 10% instead.



 BFB3F6

 BFB3F6

FFFFFF

 A398D9

 F8EBFF

 887EBD

 6E65A2

 554D88

 3C366E

 232156

 070D3E

 000228

 000111

 BFB3F6

 BFB3F6

 AB9AF6

 D3CCF6

 9782F6

 E7E4F6

 8269F6

 FCFDF6

 6E51F6

 FFFFF6

 5A38F6

 461FF6

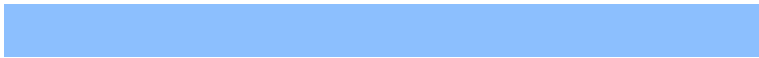
 3207F6

 2C00F6

# Harmonies

## Analogous

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



8CBFFE



BFB3F6



E6A8DE

# Triad

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



BFB3F6



EEAE83



5FCEBA

# Complementary

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



BFB3F6



EAF6B3

# 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.



88CA98



BFB3F6



D3B978

# Square

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



BFB3F6



FDA49C



B0C380



43CDDB

# Rectangle

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



BFB3F6



F6A3C9



B0C380



6DCDAE



# Sweetspot

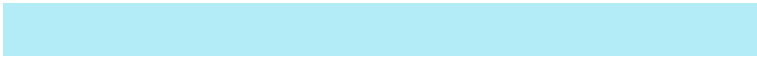
The Sweet Spot groups the original color and five complimentary colors.



BFB3F6



EEEEFF



B3EBF6



757380



000000



808080



# Same Dimension

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



BFB3F6



BAABFF



E0B3F6



706E7A



2100BA



0B003B



# Inverse Universe

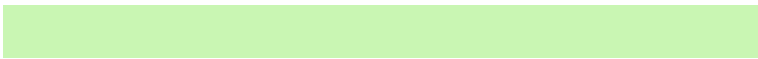
The Inverse Universe completely reimagines the original color for something new.



F6B3EA



FFABF0



C9F6B3



7A6E78



BA0099

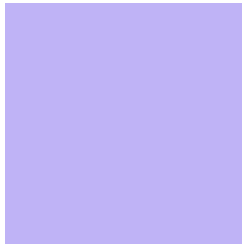


3B0030



# Previews

## White Background



This preview shows how the Hex color BFB3F6 looks on a white background.

## Color Contrast Check

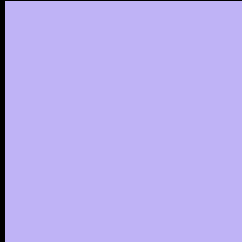
Large Text (above 18pt) WCAG AA × Fail

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 BFB3F6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

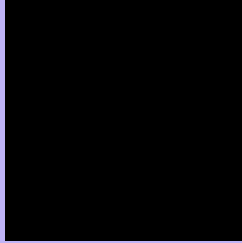
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BFB3F6 Background



This preview shows how black text looks on a background with the Hex color BFB3F6.

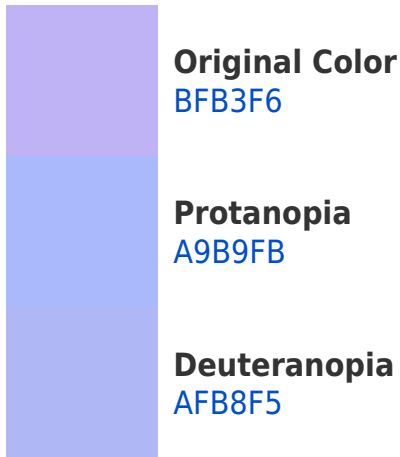


This preview shows how white text looks on a background with the Hex color BFB3F6.

# 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

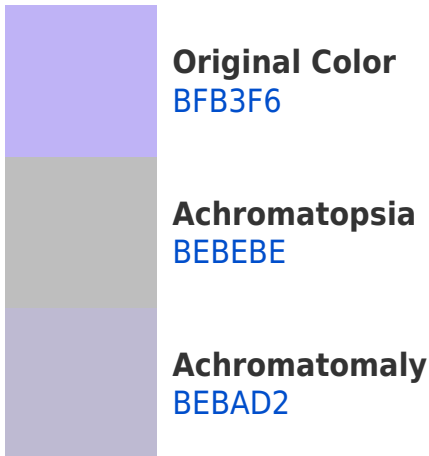




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFB3F6 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 #BFB3F6 looks like.

```
.text, #text, p{  
    color:#BFB3F6  
}
```

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 #BFB3F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFB3F6
}
```

## Border

The CSS property to change the border of an element to Hex BFB3F6 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
#BFB3F6 }
```

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

```
.border{ border-color:#BFB3F6 }
```

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

Here you see how a box with a 4 pixel #BFB3F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFB3F6; -webkit-box-shadow:4px 4px  
4px 4px #BFB3F6; box-shadow:4px 4px 4px  
4px #BFB3F6 }
```

# Background

The CSS property to change the background color of an element to Hex BFB3F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFB3F6 }
```

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

```
.background{ background-color:#BFB3F6 }
```

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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