

# Converting Colors

Hex(BFB5FF)

Have a look what the booklet for  
Hex(BFB5FF) contains.

<b>Hex(BFB5FF)</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(BFB5FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<b>BFB5FF</b>
RGB	<b>191, 181, 255</b>
RGB Percent	<b>75%, 71%, 100%</b>
CMY	<b>0.2510, 0.2902, 0.0000</b>
CMYK	<b>0.25, 0.29, 0.00, 0.00</b>
HSL	<b>248°, 100%, 85%</b>
HSV	<b>248°, 29%, 100%</b>
XYZ	<b>56.0597, 51.3441, 101.5635</b>
YIQ	<b>192.4260, -17.7940, 25.1340</b>

# Conversions

## Conversions Part 2

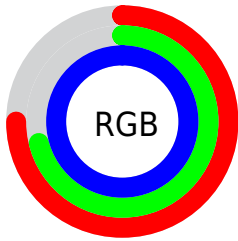
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	191, 181, 255
Decimal	12563967
CIE Lab	76.89, 18.94, -35.26
CIE LCh	77, 40.029, 298.240
Yxy	51.3441, 0.2683, 0.2457
Android (android.graphics.Color)	4290754047 (0xFFBFB5FF)
YUV	192.4260, 30.8490, -1.2506
Hunter-Lab	71.6548, 14.2550, -33.8792

# Details

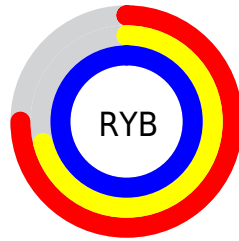
The Hex color **BFB5FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F5FFB5**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **F8EDFF**, and **8880C6** is the 20% darker color. If you saturate the color by 10%, you get **A99CFF**, and if you desaturate by 10%, it is **D5CFFF**.

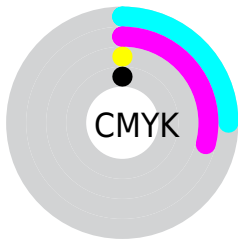
# Distribution



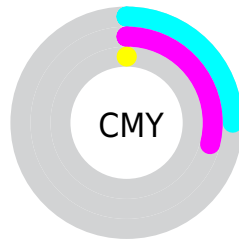
- Red (75%)
- Green (71%)
- Blue (100%)



- Red (75%)
- Yellow (71%)
- Blue (100%)



- Cyan (25%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (29%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFB5FF 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 BFB5FF by changing the saturation by 10% instead.



 BFB5FF

 BFB5FF

FFFFFF

 A39AE2

 F8EDFF

 8880C6

 6E67AB

 544F90

 3A3876

 20235D

 000F45

 00002E

 000118

 BFB5FF

 BFB5FF

 A99CFF

 D5CFFF


 9382FF

 EBE8FF

 7D69FF

FFFFFF

 674FFF

 5136FF

 3B1CFF

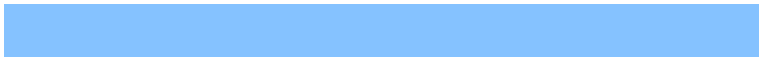
 2503FF

 2200FF

# Harmonies

## Analogous

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



85C2FF



BFB5FF



EBA8E5

# Triad

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



BFB5FF



F6AE80



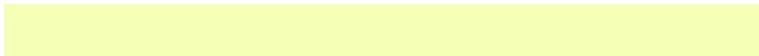
55D1BA

# Complementary

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



BFB5FF



F5FFB5

# 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.



86CE96



BFB5FF



D8BB73

# Square

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



BFB5FF



FFA49D



B2C67B



27D1E0

# Rectangle

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



BFB5FF



FDA3CE



B2C67B



66D1AD



# Sweetspot

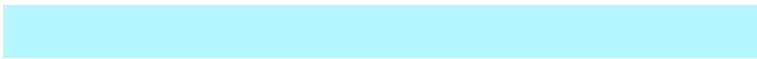
The Sweet Spot groups the original color and five complimentary colors.



BFB5FF



EBE8FF



B5F5FF



737180



000000



808080



# Same Dimension

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



BFB5FF



B2A6FF



E4B5FF



747380



1A00BF



090040



# Inverse Universe

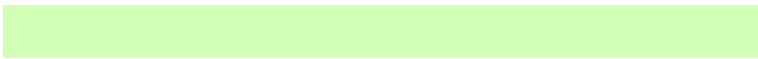
The Inverse Universe completely reimagines the original color for something new.



FFB5F5



FFA6F3



D0FFB5



80737E



BF00A5

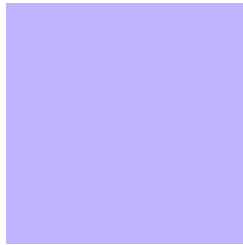


400037



# Previews

## White Background



This preview shows how the Hex color BFB5FF looks on a white background.

## Color Contrast Check

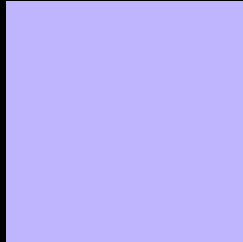
Large Text (above 18pt) WCAG AA × Fail

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 BFB5FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

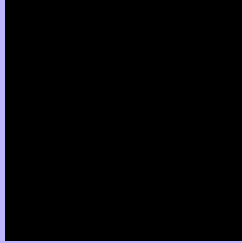
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BFB5FF Background



This preview shows how black text looks on a background with the Hex color BFB5FF.

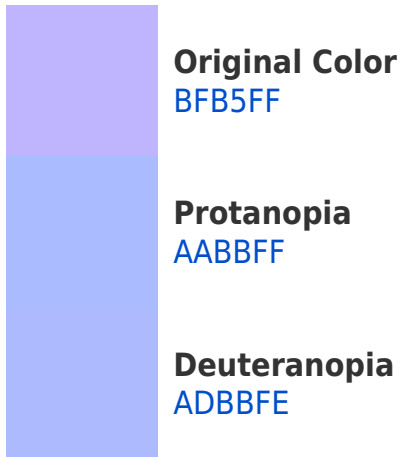


This preview shows how white text looks on a background with the Hex color BFB5FF.

# Color Blindness Simulation

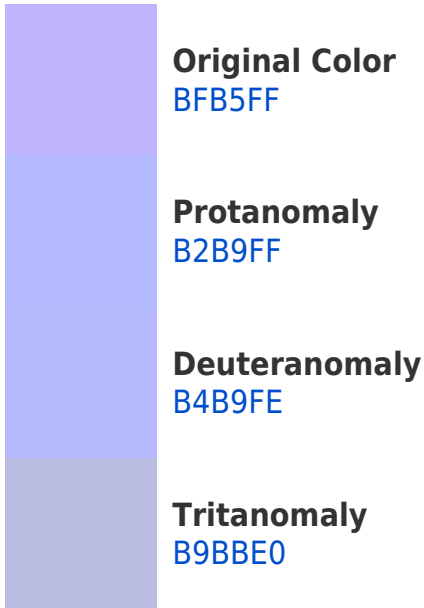
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

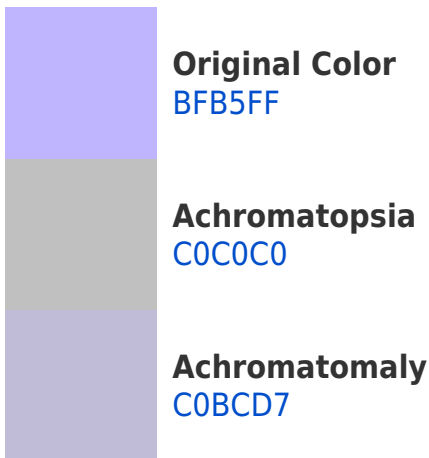




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFB5FF 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 #BFB5FF looks like.

```
.text, #text, p{  
    color:#BFB5FF  
}
```

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 #BFB5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFB5FF }  
}
```

## Border

The CSS property to change the border of an element to Hex BFB5FF 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 #BFB5FF }  
}
```

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

```
.border{ border-color:#BFB5FF }
```

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

Here you see how a box with a 4 pixel #BFB5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFB5FF; -webkit-box-shadow:4px 4px  
4px 4px #BFB5FF; box-shadow:4px 4px 4px  
4px #BFB5FF }
```

# Background

The CSS property to change the background color of an element to Hex BFB5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFB5FF }
```

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

```
.background{ background-color:#BFB5FF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor