

# Converting Colors

Hex(BF74FB)

Have a look what the booklet for  
Hex(BF74FB) contains.

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# Color

Hex(**BF74FB**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF74FB
RGB	191, 116, 251
RGB Percent	75%, 45%, 98%
CMY	0.2510, 0.5451, 0.0157
CMYK	0.24, 0.54, 0.00, 0.02
HSL	273°, 94%, 72%
HSV	273°, 54%, 98%
XYZ	45.1438, 30.5322, 94.7807
YIQ	153.8150, 1.3650, 57.8850

# Conversions

## Conversions Part 2

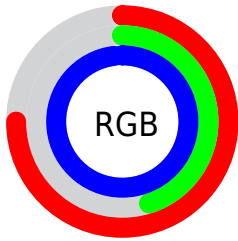
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">191, 116, 251</a>
Decimal	<a href="#">12547323</a>
CIELab	<a href="#">62.11, 53.43, -56.29</a>
CIELCh	<a href="#">62, 77.609, 313.506</a>
Yxy	<a href="#">30.5322, 0.2648, 0.1791</a>
Android (android.graphics.Color)	<a href="#">4290737403 (0xFFBF74FB)</a>
YUV	<a href="#">153.8150, 47.9122, 32.6112</a>
Hunter-Lab	<a href="#">55.2559, 49.1358, -63.0212</a>

# Details

The Hex color **BF74FB** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **B0FB74**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FAAAFF**, and **8640C2** is the 20% darker color. If you saturate the color by 10%, you get **B45BFB**, and if you desaturate by 10%, it is **CA8DFB**.

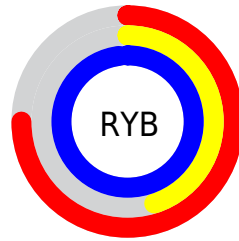
# Distribution



Red (75%)

Green (45%)

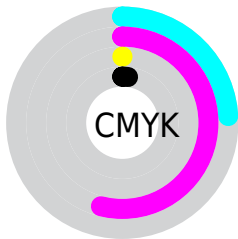
Blue (98%)



Red (75%)

Yellow (45%)

Blue (98%)

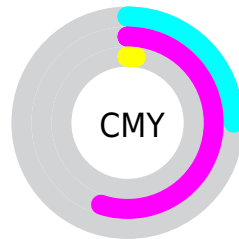


Cyan (24%)

Magenta (54%)

Yellow (0%)

Black (2%)



Cyan (25%)

Magenta (55%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF74FB 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 BF74FB by changing the saturation by 10% instead.



 BF74FB

 BF74FB

FFFFFF

 A25ADE

 FAAAFF

 8640C2

 FFC6FF

 6A25A6

 FFE3FF

 4E038B

 310071

 140058

 00003F

 000328

 000112

 BF74FB

 BF74FB

 B45BFB

 CA8DFB

 A942FB

 D5A6FB

 9E29FB

 E0BFFB

 9210FB

 ECD8FB

 8B00FB

 F7F2FB

 FFFFFB

# Harmonies

## Analogous

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



0594FF



BF74FB



FD51BF

# Triad

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



BF74FB



D38500



00B5B4

# Complementary

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



BF74FB



B0FB74

# 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.



00B26C



BF74FB



989D00

# Square

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



BF74FB



FE6439



44AB23



00B2F4

# Rectangle

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



BF74FB



FF4691



44AB23



00B59D



# Sweetspot

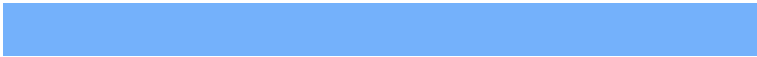
The Sweet Spot groups the original color and five complimentary colors.



BF74FB



EDD6FF



74B1FB



756780



000000



808080



# Same Dimension

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



BF74FB



B559FF



FB74F4



77707D



6900BD



22003D



# Inverse Universe

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



FB74B0



FF59A3



74FB7B



7D7076



BD0054

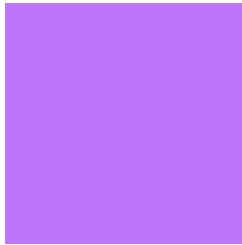


3D001B



# Previews

## White Background



This preview shows how the Hex color BF74FB looks on a white background.

## Color Contrast Check

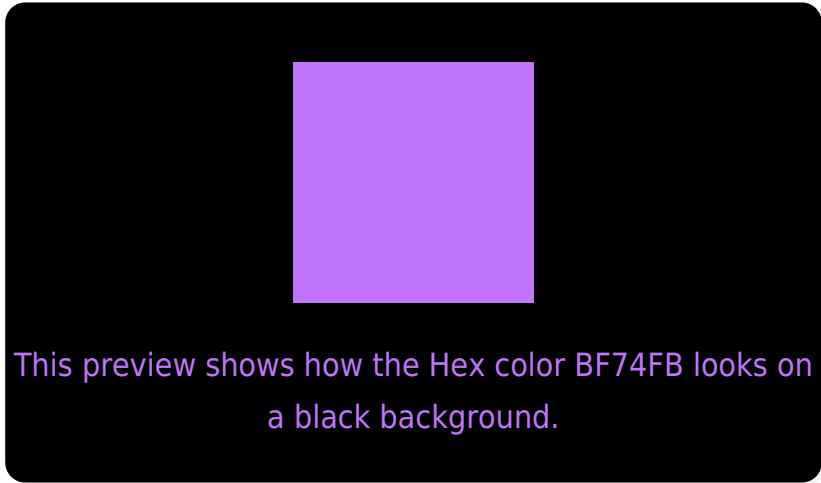
Large Text (above 18pt) WCAG AA × Fail

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 BF74FB Background



This preview shows how black text looks on a background with the Hex color BF74FB.

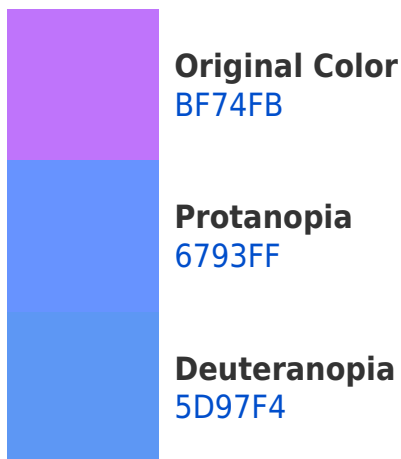



This preview shows how white text looks on a background with the Hex color BF74FB.

# 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](#).

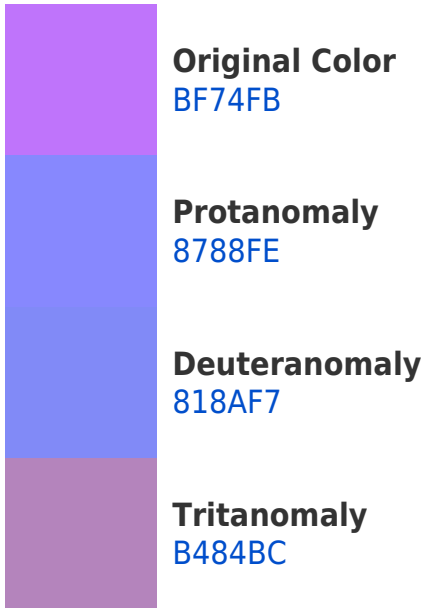
## Dichromacy



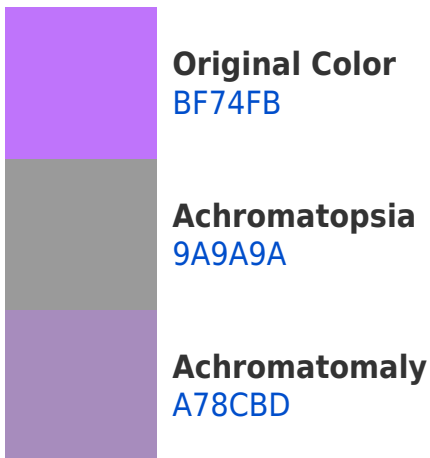


**Tritanopia**  
AE8D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF74FB 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 #BF74FB looks like.

```
.text, #text, p{  
    color:#BF74FB  
}
```

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 #BF74FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF74FB
}
```

## Border

The CSS property to change the border of an element to Hex BF74FB 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
#BF74FB }
```

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

```
.border{ border-color:#BF74FB }
```

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

Here you see how a box with a 4 pixel #BF74FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF74FB; -webkit-box-shadow:4px 4px  
4px 4px #BF74FB; box-shadow:4px 4px 4px  
4px #BF74FB }
```

# Background

The CSS property to change the background color of an element to Hex BF74FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF74FB }
```

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

```
.background{ background-color:#BF74FB }
```

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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