

# Converting Colors

Hex(BBA4FB)

Have a look what the booklet for  
Hex(BBA4FB) contains.

<b>Hex(BBA4FB)</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(**BBA4FB**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BBA4FB
RGB	187, 164, 251
RGB Percent	73%, 64%, 98%
CMY	0.2667, 0.3569, 0.0157
CMYK	0.25, 0.35, 0.00, 0.02
HSL	256°, 92%, 81%
HSV	256°, 35%, 98%
XYZ	51.1816, 44.0807, 97.0777
YIQ	180.7950, -14.2190, 31.9330

# Conversions

## Conversions Part 2

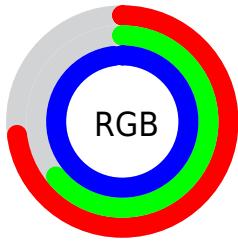
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	187, 164, 251
Decimal	12297467
CIE Lab	72.28, 26.25, -40.28
CIE LCh	72, 48.083, 303.094
Yxy	44.0807, 0.2661, 0.2292
Android (android.graphics.Color)	4290487547 (0xFFBBA4FB)
YUV	180.7950, 34.6111, 5.4418
Hunter-Lab	66.3933, 21.4145, -40.2161

# Details

The Hex color **BBA4FB** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E4FBA4**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **F4DBFF**, and **8470C2** is the 20% darker color. If you saturate the color by 10%, you get **A98BFB**, and if you desaturate by 10%, it is **CDBDFB**.

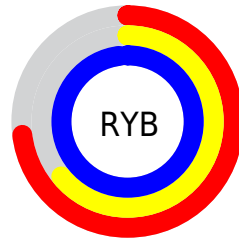
# Distribution



Red (73%)

Green (64%)

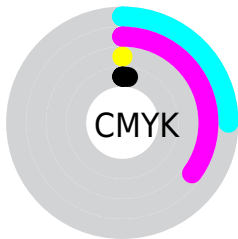
Blue (98%)



Red (73%)

Yellow (64%)

Blue (98%)

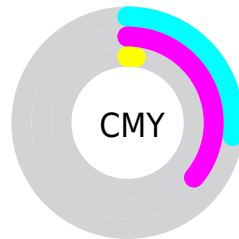


Cyan (25%)

Magenta (35%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (36%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBA4FB 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 BBA4FB by changing the saturation by 10% instead.



 BBA4FB

 BBA4FB

FFFFFF

 9F8ADE

 F4DBFF

 8470C2

 FFF8FF

 6957A7

 4F408C

 352972

 191459

 000041

 00032A

 000114

 BBA4FB

 BBA4FB

 A98BFB

 CDBDFB

 9672FB

 E0D6FB

 8459FB

 F2E9FB

 7140FB

 FFFFFB

 5F27FB

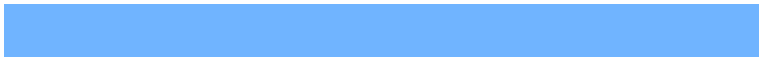
 4C0DFB

 4200FB

# Harmonies

## Analogous

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



70B4FF



BBA4FB



EC94DA

# Triad

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



BBA4FB



ECA163



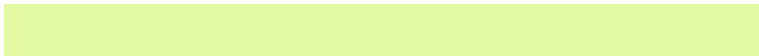
00C8B5

# Complementary

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



BBA4FB



E4FBA4

# 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.



61C588



BBA4FB



C8B057

# Square

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



BBA4FB



FF9284



9ABD65



00C7E0

# Rectangle

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



BBA4FB



FE8EBD



9ABD65



24C7A5



# Sweetspot

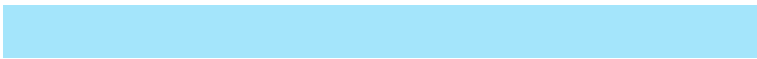
The Sweet Spot groups the original color and five complimentary colors.



BBA4FB



ECE6FF



A4E5FB



747080



000000



808080



# Same Dimension

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



BBA4FB



B094FF



E5A4FB



74707D



3200BD



10003D



# Inverse Universe

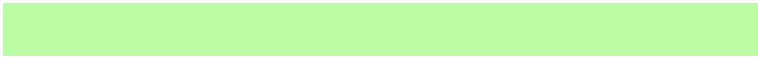
The Inverse Universe completely reimagines the original color for something new.



FBA4E4



FF94E3



BAFBA4



7D707A



BD008B

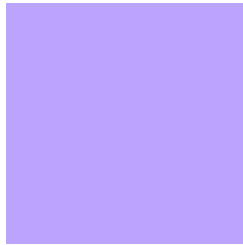


3D002D



# Previews

## White Background



This preview shows how the Hex color BBA4FB looks on a white background.

## Color Contrast Check

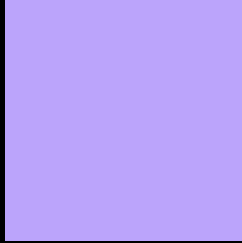
Large Text (above 18pt) WCAG AA × Fail

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 BBA4FB 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 BBA4FB Background



This preview shows how black text looks on a background with the Hex color BBA4FB.

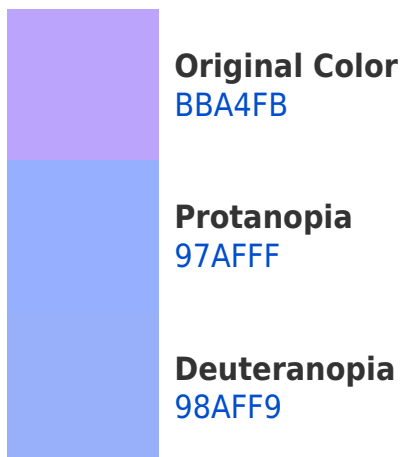


This preview shows how white text looks on a background with the Hex color BBA4FB.

# Color Blindness Simulation

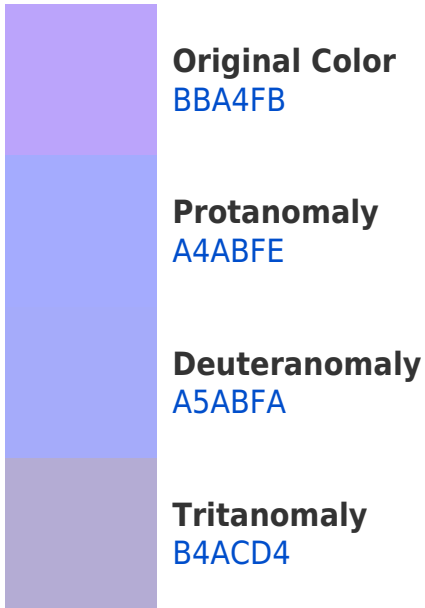
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

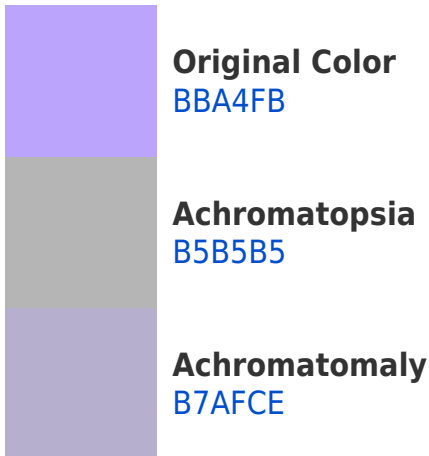




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBA4FB 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 #BBA4FB looks like.

```
.text, #text, p{  
    color:#BBA4FB  
}
```

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 #BBA4FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBA4FB
}
```

## Border

The CSS property to change the border of an element to Hex BBA4FB 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
#BBA4FB }
```

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

```
.border{ border-color:#BBA4FB }
```

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

Here you see how a box with a 4 pixel #BBA4FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBA4FB; -webkit-box-shadow:4px 4px  
4px 4px #BBA4FB; box-shadow:4px 4px 4px  
4px #BBA4FB }
```

# Background

The CSS property to change the background color of an element to Hex BBA4FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBA4FB }
```

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

```
.background{ background-color:#BBA4FB }
```

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