

# Converting Colors

Hex(BA83FB)

Have a look what the booklet for  
Hex(BA83FB) contains.

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# Color

Hex(**BA83FB**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BA83FB
RGB	186, 131, 251
RGB Percent	73%, 51%, 98%
CMY	0.2706, 0.4863, 0.0157
CMYK	0.26, 0.48, 0.00, 0.02
HSL	268°, 94%, 75%
HSV	268°, 48%, 98%
XYZ	45.7786, 33.6367, 95.3465
YIQ	161.1250, -5.7400, 48.9800

# Conversions

## Conversions Part 2

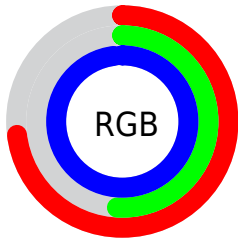
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">186, 131, 251</a>
Decimal	<a href="#">12223483</a>
CIELab	<a href="#">64.67, 44.20, -52.25</a>
CIElCh	<a href="#">65, 68.440, 310.231</a>
Yxy	<a href="#">33.6367, 0.2619, 0.1925</a>
Android (android.graphics.Color)	<a href="#">4290413563 (0xFFBA83FB)</a>
YUV	<a href="#">161.1250, 44.3084, 21.8154</a>
Hunter-Lab	<a href="#">57.9972, 39.3993, -56.8739</a>

# Details

The Hex color **BA83FB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C4FB83**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **F4B9FF**, and **8250C2** is the 20% darker color. If you saturate the color by 10%, you get **AC6AFB**, and if you desaturate by 10%, it is **C89CFB**.

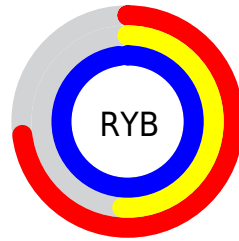
# Distribution



Red (73%)

Green (51%)

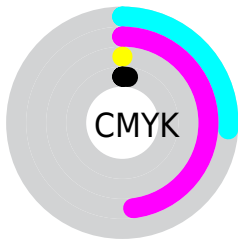
Blue (98%)



Red (73%)

Yellow (51%)

Blue (98%)

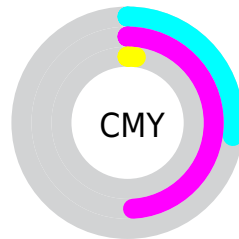


Cyan (26%)

Magenta (48%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (49%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA83FB 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 BA83FB by changing the saturation by 10% instead.



 BA83FB

 BA83FB

FFFFFF

 9E69DE

 F4B9FF

 8250C2

 FFD5FF

 6637A6

 FFF2FF

 4B1E8B

 2F0371

 0E0058

 000040

 000329

 000113

 BA83FB

 BA83FB

 AC6AFB

 C89CFB

 9F51FB

 D5B5FB

 9138FB

 E3CEFB

 841FFB

 F0E7FB

 7605FB

 FEFFFF

 7300FB

 FFFFFB

# Harmonies

## Analogous

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



349DFF



BA83FB



F668C8

# Triad

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



BA83FB



DB8B1E



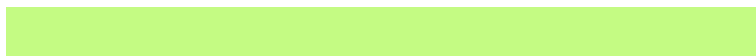
00BAB1

# Complementary

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



BA83FB



C4FB83

# 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.



00B771



BA83FB



A8A102

# Square

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



BA83FB



FF7151



64AF36



00B7EB

# Rectangle

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



BA83FB



FF5F9F



64AF36



00B99B



# Sweetspot

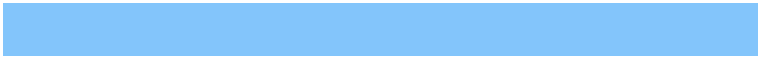
The Sweet Spot groups the original color and five complimentary colors.



BA83FB



ECDBFF



83C5FB



746A80



000000



808080



# Same Dimension

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



BA83FB



B06EFF



F583FB



76707D



5600BD



1C003D



# Inverse Universe

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



FB83C4



FF6EBC



89FB83



7D7077



BD0066

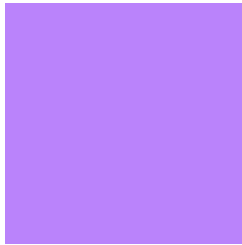


3D0021



# Previews

## White Background



This preview shows how the Hex color BA83FB looks on a white background.

## Color Contrast Check

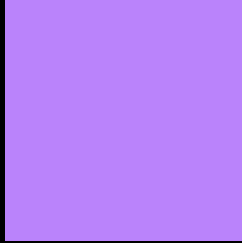
Large Text (above 18pt) WCAG AA × Fail

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 BA83FB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

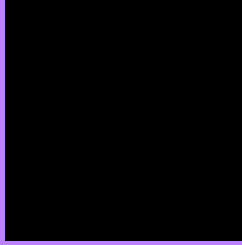
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BA83FB Background



This preview shows how black text looks on a background with the Hex color BA83FB.

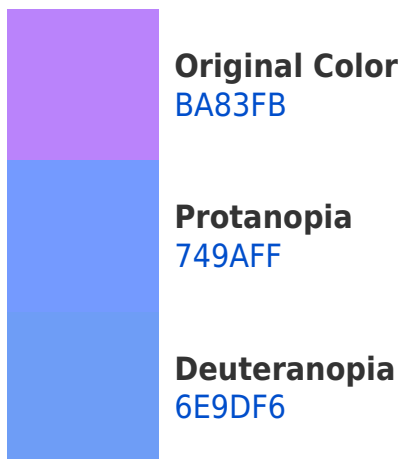


This preview shows how white text looks on a background with the Hex color BA83FB.

# 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](#).

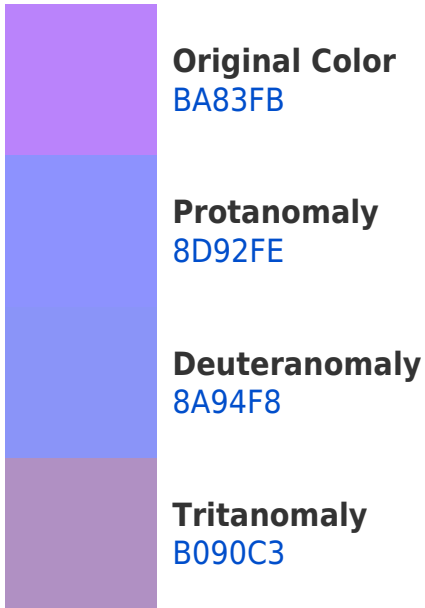
## Dichromacy



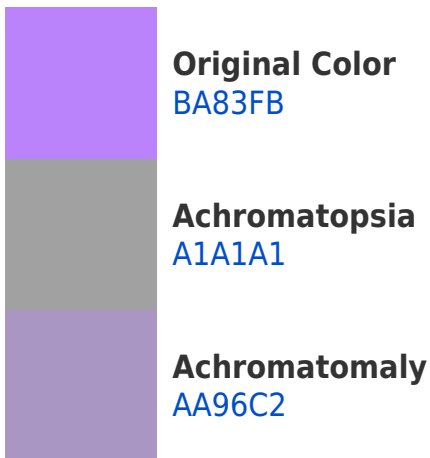


**Tritanopia**  
AA98A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA83FB 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 #BA83FB looks like.

```
.text, #text, p{  
    color:#BA83FB  
}
```

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 #BA83FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA83FB
}
```

## Border

The CSS property to change the border of an element to Hex BA83FB 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".

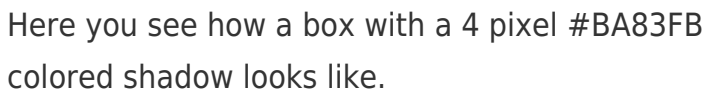
```
.border, #border, table{ border:4px solid
#BA83FB }
```

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

```
.border{ border-color:#BA83FB }
```

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

Here you see how a box with a 4 pixel #BA83FB colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and there is a vertical purple shadow on the right side of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA83FB; -webkit-box-shadow:4px 4px  
4px 4px #BA83FB; box-shadow:4px 4px 4px  
4px #BA83FB }
```

# Background

The CSS property to change the background color of an element to Hex BA83FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA83FB }
```

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

```
.background{ background-color:#BA83FB }
```

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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