

# Converting Colors

Hex(BA9CFB)

Have a look what the booklet for  
Hex(BA9CFB) contains.

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**Color**

**Hex(BA9CFB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA9CFB
RGB	186, 156, 251
RGB Percent	73%, 61%, 98%
CMY	0.2706, 0.3882, 0.0157
CMYK	0.26, 0.38, 0.00, 0.02
HSL	259°, 92%, 80%
HSV	259°, 38%, 98%
XYZ	49.5508, 41.1811, 96.6039
YIQ	175.8000, -12.6150, 35.9050

# Conversions

## Conversions Part 2

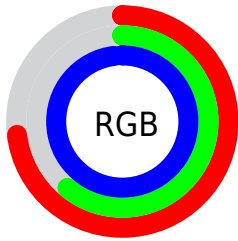
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 156, 251
Decimal	12229883
CIE <sub>Lab</sub>	70.30, 30.42, -43.38
CIE <sub>LCh</sub>	70, 52.986, 305.039
Yxy	41.1811, 0.2645, 0.2198
Android (android.graphics.Color)	4290419963 (0xFFBA9CFB)
YUV	175.8000, 37.0736, 8.9454
Hunter-Lab	64.1725, 25.5269, -44.3332

# Details

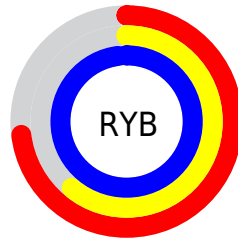
The Hex color **BA9CFB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **DDFB9C**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **F4D3FF**, and **8368C2** is the 20% darker color. If you saturate the color by 10%, you get **A983FB**, and if you desaturate by 10%, it is **CBB5FB**.

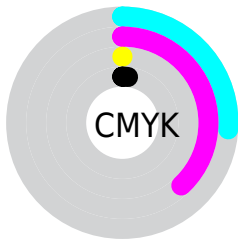
# Distribution



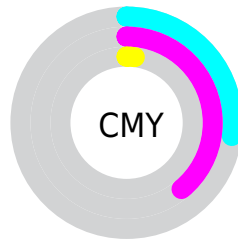
- Red (73%)
- Green (61%)
- Blue (98%)



- Red (73%)
- Yellow (61%)
- Blue (98%)



- Cyan (26%)
- Magenta (38%)
- Yellow (0%)
- Black (2%)



- Cyan (27%)
- Magenta (39%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA9CFB 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 BA9CFB by changing the saturation by 10% instead.



 BA9CFB

 BA9CFB

FFFFFF

 9E82DE

 F4D3FF

 8368C2

 FFEFFF

 6850A7

 4D388C

 332272

 160D59

 000041

 00032A

 000114

 BA9CFB

 BA9CFB

 A983FB

 CBB5FB

 986AFB

 DCCEFB

 8651FB

 EEE7FB

 7538FB

 FFFFFB

 641FFB

 5305FB

 4F00FB

# Harmonies

## Analogous

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



64AEFF



BA9CFB



EE8AD5

# Triad

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



BA9CFB



E89B54



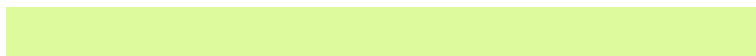
00C4B3

# Complementary

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



BA9CFB



DDFB9C

# 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.



4AC181



BA9CFB



C0AC48

# Square

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



BA9CFB



FF8A77



8EB95A



00C3E2

# Rectangle

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



BA9CFB



FF83B6



8EB95A



00C4A2



# Sweetspot

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



BA9CFB



ECE3FF



9CDEFB



746F80



000000



808080



# Same Dimension

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



BA9CFB



B08CFF



E89CFB



74707D



3C00BD



13003D



# Inverse Universe

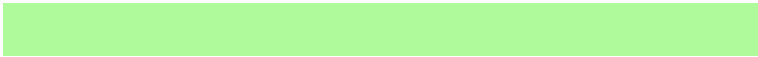
The Inverse Universe completely reimagines the original color for something new.



FB9CDD



FF8CDB



AFFB9C



7D7079



BD0081

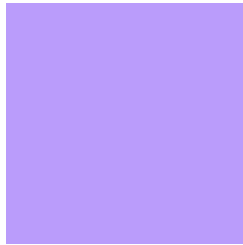


3D002A



# Previews

## White Background



This preview shows how the Hex color BA9CFB looks on a white background.

## Color Contrast Check

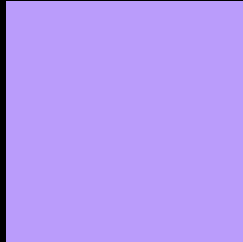
Large Text (above 18pt) WCAG AA × Fail

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 BA9CFB 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 BA9CFB Background



This preview shows how black text looks on a background with the Hex color BA9CFB.

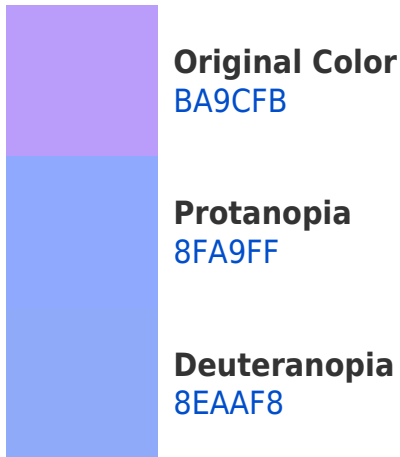


This preview shows how white text looks on a background with the Hex color BA9CFB.

# Color Blindness Simulation

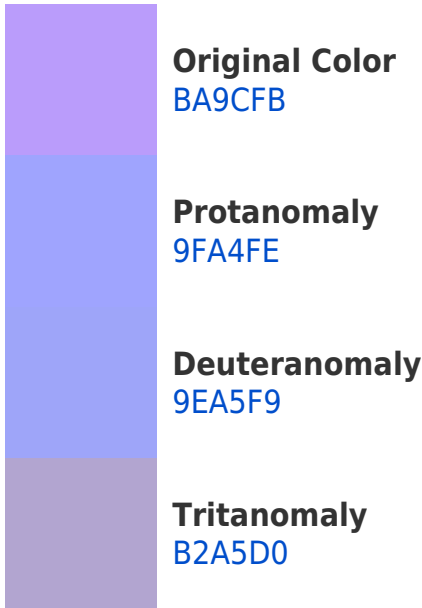
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

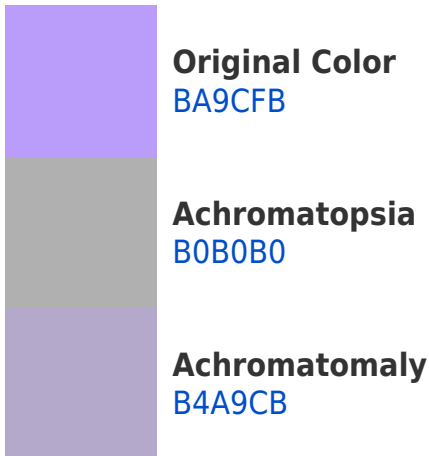




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA9CFB 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 #BA9CFB looks like.

```
.text, #text, p{  
    color:#BA9CFB  
}
```

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 #BA9CFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA9CFB
}
```

## Border

The CSS property to change the border of an element to Hex BA9CFB 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
#BA9CFB }
```

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

```
.border{ border-color:#BA9CFB }
```

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

Here you see how a box with a 4 pixel #BA9CFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA9CFB; -webkit-box-shadow:4px 4px  
4px 4px #BA9CFB; box-shadow:4px 4px 4px  
4px #BA9CFB }
```

# Background

The CSS property to change the background color of an element to Hex BA9CFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA9CFB }
```

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

```
.background{ background-color:#BA9CFB }
```

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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