

# Converting Colors

Hex(BC89FA)

Have a look what the booklet for  
Hex(BC89FA) contains.

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# Color

Hex(**BC89FA**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BC89FA
RGB	188, 137, 250
RGB Percent	74%, 54%, 98%
CMY	0.2627, 0.4627, 0.0196
CMYK	0.25, 0.45, 0.00, 0.02
HSL	267°, 92%, 76%
HSV	267°, 45%, 98%
XYZ	46.9400, 35.4848, 94.8177
YIQ	165.1310, -5.8770, 45.9550

# Conversions

## Conversions Part 2

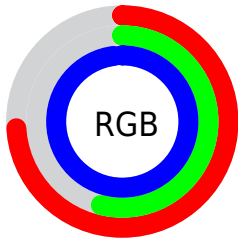
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 137, 250
Decimal	12356090
CIE <sub>Lab</sub>	66.12, 41.23, -49.39
CIE <sub>LCh</sub>	66, 64.344, 309.855
Yxy	35.4848, 0.2648, 0.2002
Android (android.graphics.Color)	4290546170 (0xFFBC89FA)
YUV	165.1310, 41.8404, 20.0561
Hunter-Lab	59.5691, 36.4106, -52.6750

# Details

The Hex color **BC89FA** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C7FA89**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **F6BFFF**, and **8456C1** is the 20% darker color. If you saturate the color by 10%, you get **AE70FA**, and if you desaturate by 10%, it is **CAA2FA**.

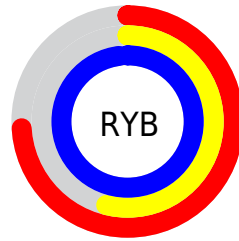
# Distribution



Red (74%)

Green (54%)

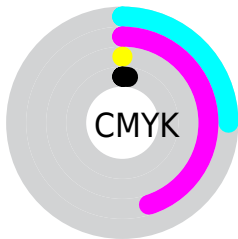
Blue (98%)



Red (74%)

Yellow (54%)

Blue (98%)

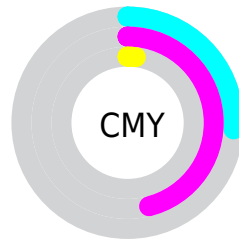


Cyan (25%)

Magenta (45%)

Yellow (0%)

Black (2%)



Cyan (26%)

Magenta (46%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC89FA 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 BC89FA by changing the saturation by 10% instead.



 BC89FA

 BC89FA

FFFFFF

 A06FDD

 F6BFFF

 8456C1

 FFDBFF

 693DA5

 FFF8FF

 4E258B

 320C71

 140057

 00003F

 000328

 000112

 BC89FA

 BC89FA

 AE70FA

 CAA2FA

 A157FA

 D7BBFA

 933EFA

 E5D4FA

 8525FA

 F3EDFA

 770CFA

 FFFFFA

 7100FA

# Harmonies

## Analogous

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



4AA1FF



BC89FA



F571CA

# Triad

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



BC89FA



DE8F2E



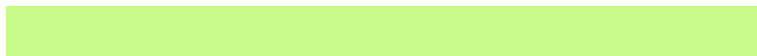
00BCB3

# Complementary

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



BC89FA



C7FA89

# 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.



00BA77



BC89FA



ADA41F

# Square

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



BC89FA



FF7859



6EB241



00BAE9

# Rectangle

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



BC89FA



FF69A3



6EB241



00BC9F



# Sweetspot

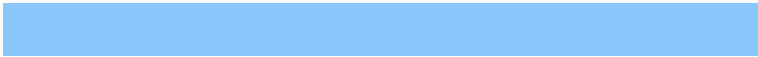
The Sweet Spot groups the original color and five complimentary colors.



BC89FA



EBDBFF



89C7FA



746A80



000000



808080



# Same Dimension

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



BC89FA



B375FF



F489FA



76707D



5500BD



1C003D



# Inverse Universe

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



FA89C7



FF75C1



8FFA89



7D7077



BD0068

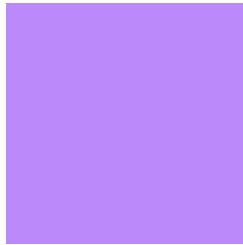


3D0022



# Previews

## White Background



This preview shows how the Hex color BC89FA looks on a white background.

## Color Contrast Check

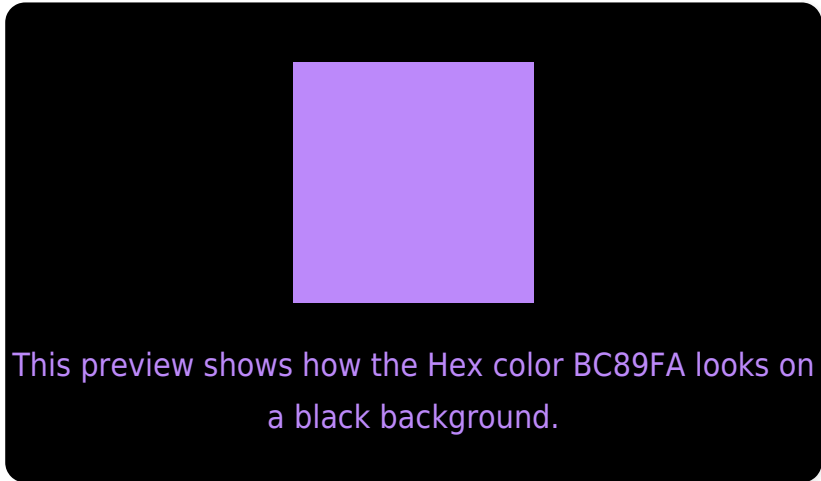
Large Text (above 18pt) WCAG AA × Fail

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

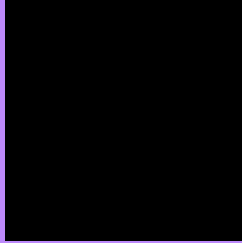
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BC89FA Background



This preview shows how black text looks on a background with the Hex color BC89FA.

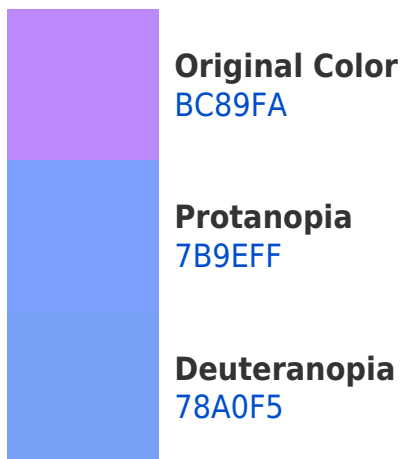


This preview shows how white text looks on a background with the Hex color BC89FA.

# 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](#).

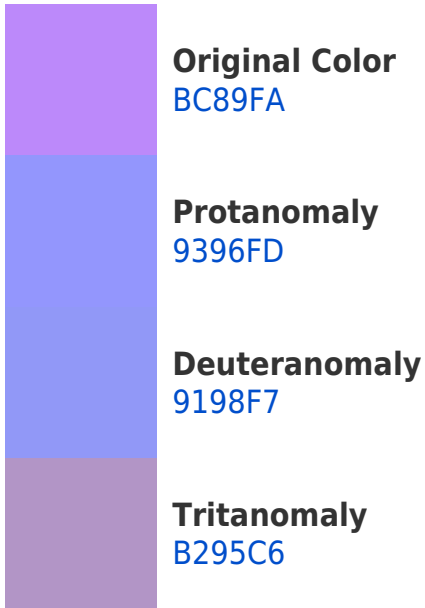
## Dichromacy



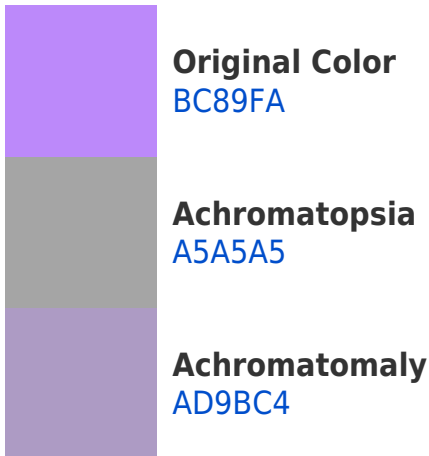


**Tritanopia**  
AD9CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC89FA 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 #BC89FA looks like.

```
.text, #text, p{  
    color:#BC89FA  
}
```

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 #BC89FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC89FA
}
```

## Border

The CSS property to change the border of an element to Hex BC89FA is called "border". The border property can be set on classes, ids or directly on the HTML element.

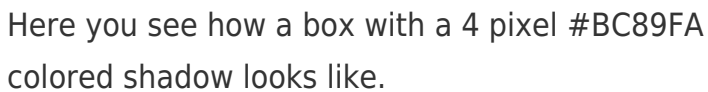
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC89FA }
```

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

```
.border{ border-color:#BC89FA }
```

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



Here you see how a box with a 4 pixel `#BC89FA` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC89FA; -webkit-box-shadow:4px 4px  
4px 4px #BC89FA; box-shadow:4px 4px 4px  
4px #BC89FA }
```

# Background

The CSS property to change the background color of an element to Hex BC89FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC89FA }
```

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

```
.background{ background-color:#BC89FA }
```

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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