

# Converting Colors

Hex(B89FD6)

Have a look what the booklet for  
Hex(B89FD6) contains.

<b>Hex(B89FD6)</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(B89FD6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B89FD6
RGB	184, 159, 214
RGB Percent	72%, 62%, 84%
CMY	0.2784, 0.3765, 0.1608
CMYK	0.14, 0.26, 0.00, 0.16
HSL	267°, 40%, 73%
HSV	267°, 26%, 84%
XYZ	44.3029, 39.8417, 68.9735
YIQ	172.7450, -2.7550, 22.4050

# Conversions

## Conversions Part 2

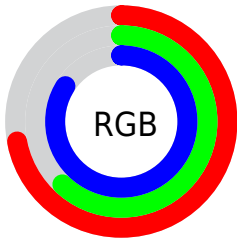
Format	Color
<a href="#">RYB</a>	<a href="#">184, 159, 214</a>
Decimal	<a href="#">12099542</a>
CIELab	<a href="#">69.36, 19.76, -24.60</a>
CIELCh	<a href="#">69, 31.552, 308.772</a>
Yxy	<a href="#">39.8417, 0.2893, 0.2602</a>
Android (android.graphics.Color)	<a href="#">4290289622 (0xFFB89FD6)</a>
YUV	<a href="#">172.7450, 20.3387, 9.8706</a>
Hunter-Lab	<a href="#">63.1203, 14.8253, -20.6039</a>

# Details

The Hex color **B89FD6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BDD69F**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **F0D6FF**, and **826B9F** is the 20% darker color. If you saturate the color by 10%, you get **AC8AD6**, and if you desaturate by 10%, it is **C4B4D6**.

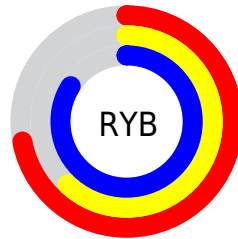
# Distribution



Red (72%)

Green (62%)

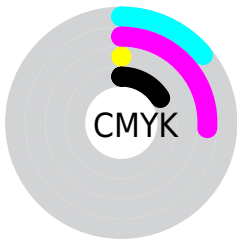
Blue (84%)



Red (72%)

Yellow (62%)

Blue (84%)

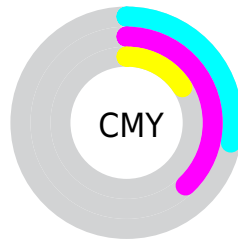


Cyan (14%)

Magenta (26%)

Yellow (0%)

Black (16%)



Cyan (28%)

Magenta (38%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B89FD6 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 B89FD6 by changing the saturation by 10% instead.



 B89FD6

 B89FD6

FFFFFF

 9D85BA

 F0D6FF

 826B9F

 FFF2FF

 695385

 503C6B

 382653

 21113C

 0E0026

 00010F

 000000

 B89FD6

 B89FD6

 AC8AD6

 C4B4D6

 A174D6

 CFCAD6

 955FD6

 DBDFD6

 8949D6

 E7F5D6

 7E34D6

 F2FFD6

 721FD6

 FEFFD6

 6609D6

 FFFFD6

 6100D6

# Harmonies

## Analogous

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



90A9E2



B89FD6



D597BF

# Triad

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



B89FD6



CFA175



55B9B1

# Complementary

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



B89FD6



BDD69F

# 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.



74B794



B89FD6



B5AA70

# Square

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



B89FD6



DF9887



95B27C



4AB7CC

# Rectangle

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



B89FD6



DF94AC



95B27C



5EB9A7



# Sweetspot

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



B89FD6



F4EBFF



9FBDD6



797380



000000



808080



# Same Dimension

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



B89FD6



D4B0FF



D39FD6



65606B



4E00AB



14002B



# Inverse Universe

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



D69FBD



FFB0DB



A2D69F



6B6066



AB005D

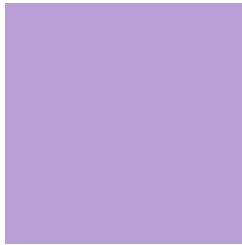


2B0018



# Previews

## White Background



This preview shows how the Hex color B89FD6 looks on a white background.

## Color Contrast Check

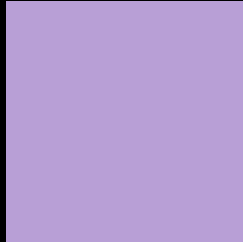
Large Text (above 18pt) WCAG AA × Fail

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 B89FD6 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 B89FD6 Background



This preview shows how black text looks on a background with the Hex color B89FD6.

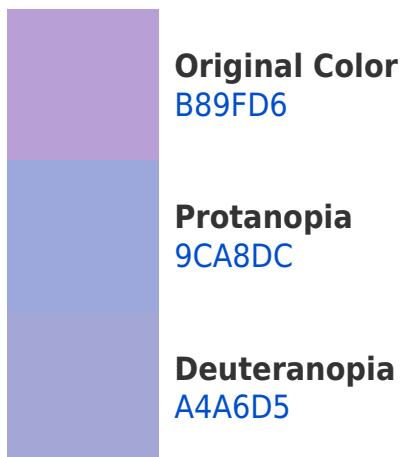


This preview shows how white text looks on a background with the Hex color B89FD6.

# 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**  
B2A6B3

# Trichromacy



**Original Color**  
B89FD6

**Protanomaly**  
A6A5DA

**Deuteranomaly**  
ABA3D5

**Tritanomaly**  
B4A3C0

# Monochromacy



**Original Color**  
B89FD6

**Achromatopsia**  
ADADAD

**Achromatomaly**  
B1A8BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B89FD6 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 #B89FD6 looks like.

```
.text, #text, p{  
    color:#B89FD6  
}
```

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 #B89FD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B89FD6
}
```

## Border

The CSS property to change the border of an element to Hex B89FD6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

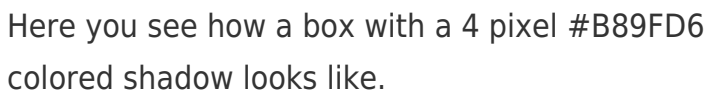
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B89FD6 }
```

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

```
.border{ border-color:#B89FD6 }
```

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



Here you see how a box with a 4 pixel #B89FD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B89FD6; -webkit-box-shadow:4px 4px  
4px 4px #B89FD6; box-shadow:4px 4px 4px  
4px #B89FD6 }
```

# Background

The CSS property to change the background color of an element to Hex B89FD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B89FD6 }
```

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

```
.background{ background-color:#B89FD6 }
```

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