

# Converting Colors

Hex(B69FDC)

Have a look what the booklet for  
Hex(B69FDC) contains.

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# **Color**

**Hex(B69FDC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B69FDC
RGB	182, 159, 220
RGB Percent	71%, 62%, 86%
CMY	0.2863, 0.3765, 0.1373
CMYK	0.17, 0.28, 0.00, 0.14
HSL	263°, 47%, 74%
HSV	263°, 28%, 86%
XYZ	44.6078, 39.9087, 73.0622
YIQ	172.8310, -5.8730, 23.8470

# Conversions

## Conversions Part 2

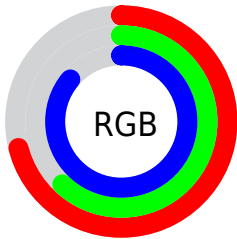
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">182, 159, 220</a>
Decimal	<a href="#">11968476</a>
CIELab	<a href="#">69.40, 20.44, -27.85</a>
CIELCh	<a href="#">69, 34.543, 306.280</a>
Yxy	<a href="#">39.9087, 0.2831, 0.2533</a>
Android (android.graphics.Color)	<a href="#">4290158556 (0xFFB69FDC)</a>
YUV	<a href="#">172.8310, 23.2543, 8.0412</a>
Hunter-Lab	<a href="#">63.1733, 15.4888, -24.3497</a>

# Details

The Hex color **B69FDC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C5DC9F**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **EED6FF**, and **806BA5** is the 20% darker color. If you saturate the color by 10%, you get **A889DC**, and if you desaturate by 10%, it is **C4B5DC**.

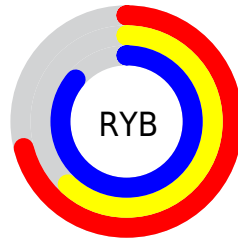
# Distribution



Red (71%)

Green (62%)

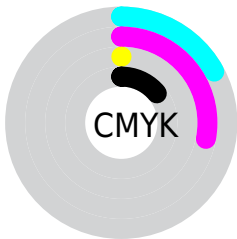
Blue (86%)



Red (71%)

Yellow (62%)

Blue (86%)

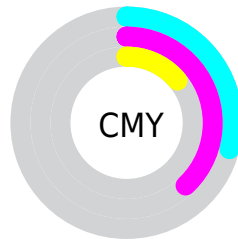


Cyan (17%)

Magenta (28%)

Yellow (0%)

Black (14%)



Cyan (29%)

Magenta (38%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B69FDC 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 B69FDC by changing the saturation by 10% instead.



 B69FDC

 B69FDC

FFFFFF

 9B85C0

 EED6FF

 806BA5

 FFF2FF

 67538A

 4E3C71

 362658

 1E1140

 0B002A

 000114

 000000

 B69FDC

 B69FDC

 A889DC

 C4B5DC

 9B73DC

 D1CBDC

 8D5DDC

 DFE1DC

 7F47DC

 EDF7DC

 7131DC

 FBFFDC

 641BDC

 FFFFDC

 5605DC

 5300DC

# Harmonies

## Analogous

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



88AAE7



B69FDC



D795C3

# Triad

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



B69FDC



D49F71



4ABBAF

# Complementary

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



B69FDC



C5DC9F

# 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.



71B88F



B69FDC



B8AA6B

# Square

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



B69FDC



E49586



96B376



36B9CD

# Rectangle

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



B69FDC



E392AF



96B376



57BAA4



# Sweetspot

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



B69FDC



F2EBFF



9FC6DC



787380



000000



808080



# Same Dimension

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



B69FDC



CBABFF



D49FDC



67636E



4100AD



11002E



# Inverse Universe

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



DC9FC5



FFABDF



A7DC9F



6E636A



AD006C

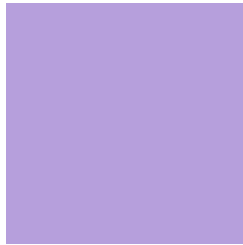


2E001D



# Previews

## White Background



This preview shows how the Hex color B69FDC looks on a white background.

## Color Contrast Check

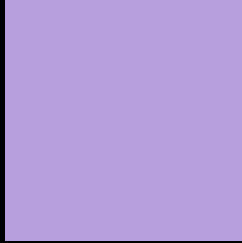
Large Text (above 18pt) WCAG AA × Fail

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 B69FDC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

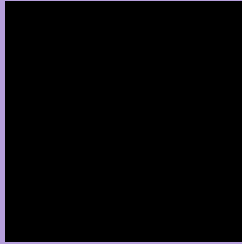
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B69FDC Background



This preview shows how black text looks on a background with the Hex color B69FDC.

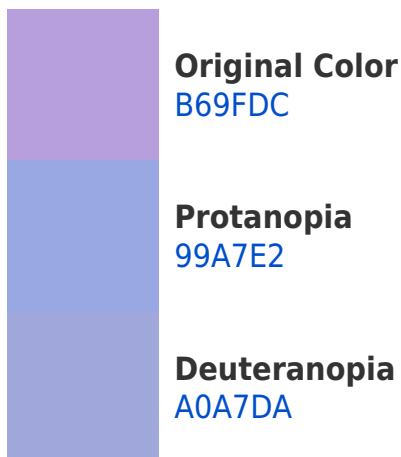


This preview shows how white text looks on a background with the Hex color B69FDC.

# 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**  
AFA7B4

# Trichromacy



**Original Color**  
B69FDC

**Protanomaly**  
A4A4E0

**Deuteranomaly**  
A8A4DB

**Tritanomaly**  
B2A4C3

# Monochromacy



**Original Color**  
B69FDC

**Achromatopsia**  
ADADAD

**Achromatomaly**  
B0A8BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B69FDC 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 #B69FDC looks like.

```
.text, #text, p{  
    color:#B69FDC  
}
```

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 #B69FDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B69FDC
}
```

## Border

The CSS property to change the border of an element to Hex B69FDC is called "border". The border property can be set on classes, ids or directly on the HTML element.

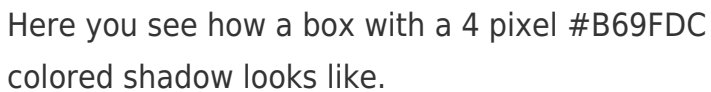
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B69FDC }
```

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

```
.border{ border-color:#B69FDC }
```

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



Here you see how a box with a 4 pixel #B69FDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B69FDC; -webkit-box-shadow:4px 4px  
4px 4px #B69FDC; box-shadow:4px 4px 4px  
4px #B69FDC }
```

# Background

The CSS property to change the background color of an element to Hex B69FDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B69FDC }
```

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

```
.background{ background-color:#B69FDC }
```

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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