

# Converting Colors

Hex(B69BE9)

Have a look what the booklet for  
Hex(B69BE9) contains.

<b>Hex(B69BE9)</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(B69BE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B69BE9
RGB	182, 155, 233
RGB Percent	71%, 61%, 91%
CMY	0.2863, 0.3922, 0.0863
CMYK	0.22, 0.33, 0.00, 0.09
HSL	261°, 64%, 76%
HSV	261°, 33%, 91%
XYZ	45.7207, 39.2710, 82.2611
YIQ	171.9650, -8.9460, 29.9820

# Conversions

## Conversions Part 2

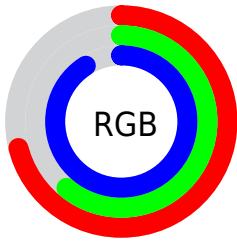
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 155, 233
Decimal	11967465
CIE <sub>Lab</sub>	68.95, 25.62, -35.69
CIE <sub>LCh</sub>	69, 43.935, 305.665
Yxy	39.2710, 0.2734, 0.2348
Android (android.graphics.Color)	4290157545 (0xFFB69BE9)
YUV	171.9650, 30.0903, 8.8007
Hunter-Lab	62.6666, 20.5649, -33.9622

# Details

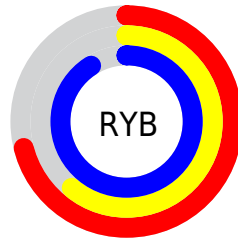
The Hex color **B69BE9** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CEE99B**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **EFD2FF**, and **8068B1** is the 20% darker color. If you saturate the color by 10%, you get **A784E9**, and if you desaturate by 10%, it is **C5B2E9**.

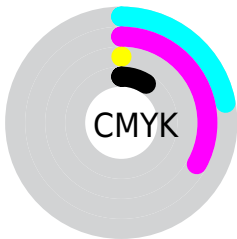
# Distribution



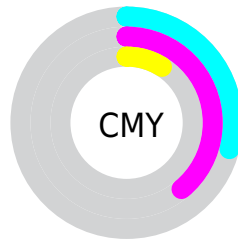
- Red (71%)
- Green (61%)
- Blue (91%)



- Red (71%)
- Yellow (61%)
- Blue (91%)



- Cyan (22%)
- Magenta (33%)
- Yellow (0%)
- Black (9%)




- Cyan (29%)
- Magenta (39%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B69BE9 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 B69BE9 by changing the saturation by 10% instead.



 B69BE9

 B69BE9

FFFFFF

 9B81CD

 EFD2FF

 8068B1

 FFEEFF

 664F96

 4C387C


 332263

 190D4A

 030033

 00021D

 000000

 B69BE9

 B69BE9

 A784E9

 C5B2E9

 986CE9

 D4CAE9

 8855E9

 E4E1E9

 793EE9

 F3F8E9

 6A27E9

 FFFFE9

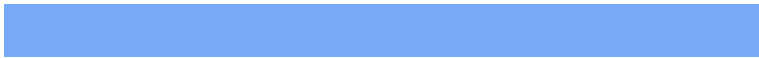
 5B0FE9

 5100E9

# Harmonies

## Analogous

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



76AAF7



B69BE9



E08DCA

# Triad

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



B69BE9



DC9B60



00BDAF

# Complementary

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



B69BE9



CEE99B

# 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.



5CBA86



B69BE9



BAA857

# Square

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



B69BE9



F18E7C



90B366



00BBD5

# Rectangle

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



B69BE9



EF88B0



90B366



29BDA1



# Sweetspot

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



B69BE9



EEE6FF



9BCFE9



757080



000000



808080



# Same Dimension

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



B69BE9



BC99FF



DC9BE9



6E6A75



3F00B5



130036



# Inverse Universe

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



E99BCE



FF99DC



A8E99B



756A71



B50076

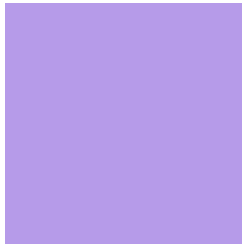


360023



# Previews

## White Background



This preview shows how the Hex color B69BE9 looks on a white background.

## Color Contrast Check

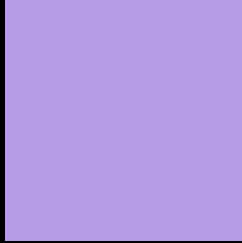
Large Text (above 18pt) WCAG AA × Fail

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 B69BE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

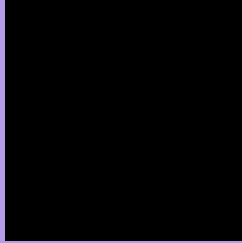
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B69BE9 Background



This preview shows how black text looks on a background with the Hex color B69BE9.

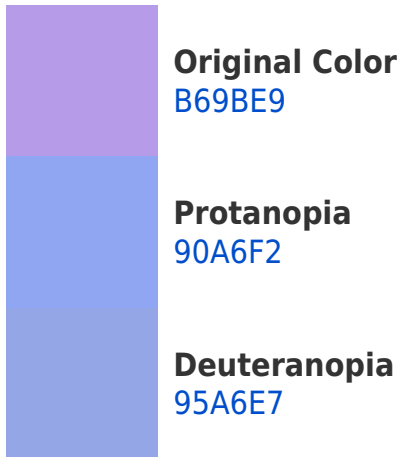


This preview shows how white text looks on a background with the Hex color B69BE9.

# 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

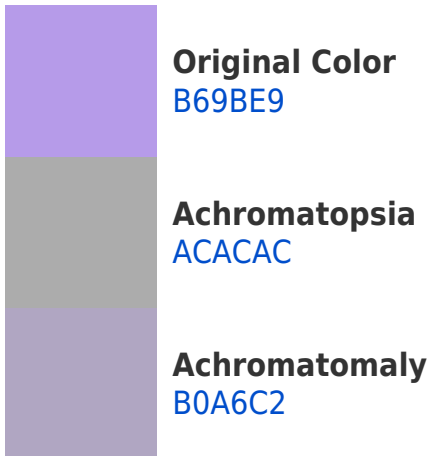




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B69BE9 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 #B69BE9 looks like.

```
.text, #text, p{  
    color:#B69BE9  
}
```

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 #B69BE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B69BE9
}
```

## Border

The CSS property to change the border of an element to Hex B69BE9 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
#B69BE9 }
```

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

```
.border{ border-color:#B69BE9 }
```

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

Here you see how a box with a 4 pixel #B69BE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B69BE9; -webkit-box-shadow:4px 4px  
4px 4px #B69BE9; box-shadow:4px 4px 4px  
4px #B69BE9 }
```

# Background

The CSS property to change the background color of an element to Hex B69BE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B69BE9 }
```

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

```
.background{ background-color:#B69BE9 }
```

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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