

# Converting Colors

Hex(B89EE2)

Have a look what the booklet for  
Hex(B89EE2) contains.

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# Color

Hex(B89EE2)

# Conversions

## Conversions Part 1

Format	Color
Hex	B89EE2
RGB	184, 158, 226
RGB Percent	72%, 62%, 89%
CMY	0.2784, 0.3804, 0.1137
CMYK	0.19, 0.30, 0.00, 0.11
HSL	263°, 54%, 75%
HSV	263°, 30%, 89%
XYZ	45.7215, 40.1351, 77.2886
YIQ	173.5260, -6.3320, 26.6600

# Conversions

## Conversions Part 2

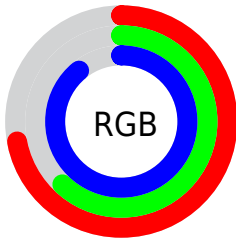
Format	Color
<a href="#">RYB</a>	<a href="#">184, 158, 226</a>
Decimal	<a href="#">12099298</a>
CIELab	<a href="#">69.57, 22.95, -30.88</a>
CIELCh	<a href="#">70, 38.477, 306.621</a>
Yxy	<a href="#">40.1351, 0.2803, 0.2460</a>
Android (android.graphics.Color)	<a href="#">4290289378 (0xFFB89EE2)</a>
YUV	<a href="#">173.5260, 25.8697, 9.1857</a>
Hunter-Lab	<a href="#">63.3522, 17.9576, -27.9862</a>

# Details

The Hex color **B89EE2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **C8E29E**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **F1D5FF**, and **826AAA** is the 20% darker color. If you saturate the color by 10%, you get **AA87E2**, and if you desaturate by 10%, it is **C6B5E2**.

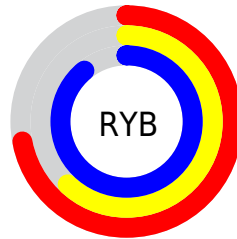
# Distribution



Red (72%)

Green (62%)

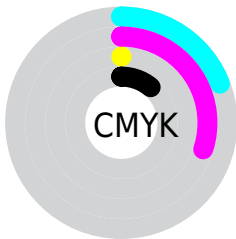
Blue (89%)



Red (72%)

Yellow (62%)

Blue (89%)

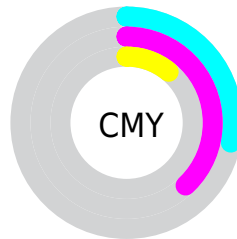


Cyan (19%)

Magenta (30%)

Yellow (0%)

Black (11%)



Cyan (28%)

Magenta (38%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B89EE2 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 B89EE2 by changing the saturation by 10% instead.



 B89EE2

 B89EE2

FFFFFF

 9D84C6

 F1D5FF

 826AAA

 FFF1FF

 685290

 4F3B76

 36255D


 1E1045

 0C002F

 000119

 000000

 B89EE2

 B89EE2

 AA87E2

 C6B5E2

 9C71E2

 D4CBE2

 8E5AE2

 E2E2E2

 8044E2

 F0F8E2

 722DE2

 FEFEE2

 6416E2

 FFFFE2

 5600E2

# Harmonies

## Analogous

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



84ABEF



B89EE2



DC93C6

# Triad

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



B89EE2



D89E6A



35BDB1

# Complementary

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



B89EE2



C8E29E

# 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.



69BA8D



B89EE2



B9AA64

# Square

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



B89EE2



EA9382



94B471



00BBD2

# Rectangle

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



B89EE2



EA8FAF



94B471



47BCA5



# Sweetspot

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



B89EE2



F1E8FF



9EC9E2



777180



000000



808080



# Same Dimension

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



B89EE2



C6A3FF



D99EE2



696570



4300B0



130030



# Inverse Universe

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



E29EC8



FFA3DC



A7E29E



70656C



B0006D

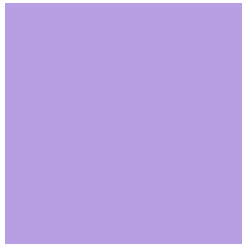


30001E



# Previews

## White Background



This preview shows how the Hex color B89EE2 looks on a white background.

## Color Contrast Check

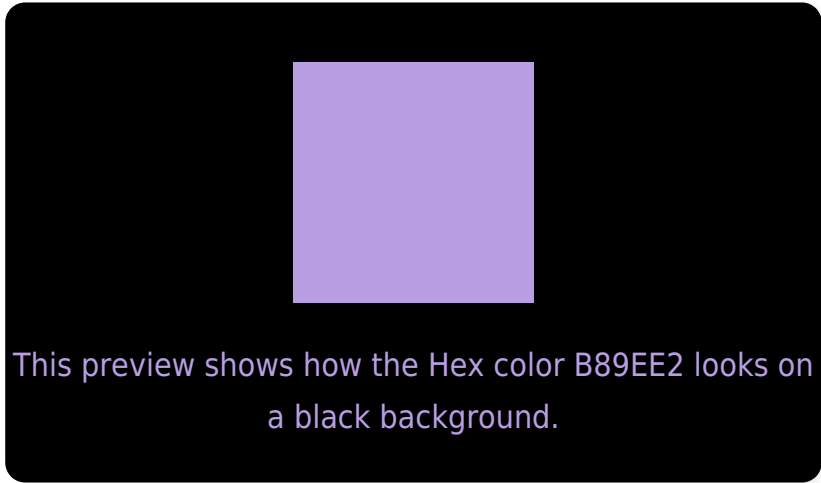
Large Text (above 18pt) WCAG AA × Fail

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

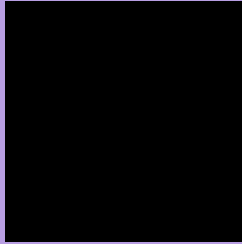
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B89EE2 Background



This preview shows how black text looks on a background with the Hex color B89EE2.

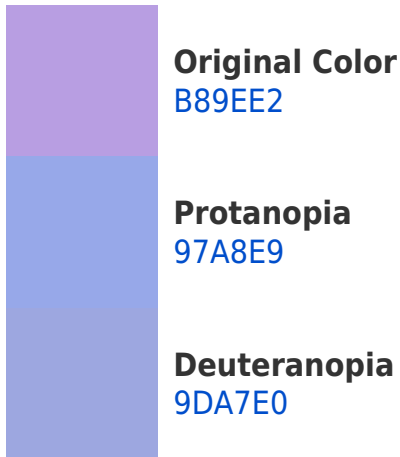


This preview shows how white text looks on a background with the Hex color B89EE2.

# 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](#).

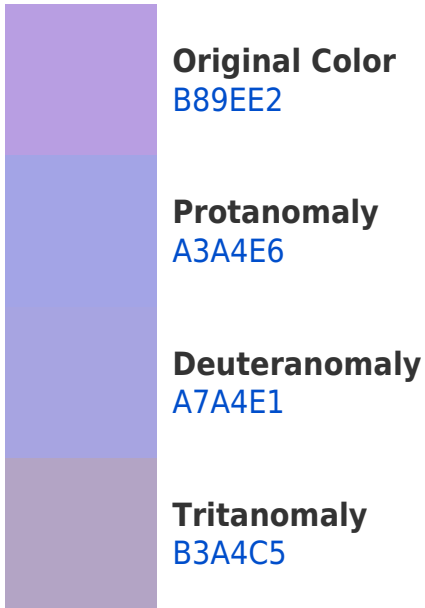
## Dichromacy



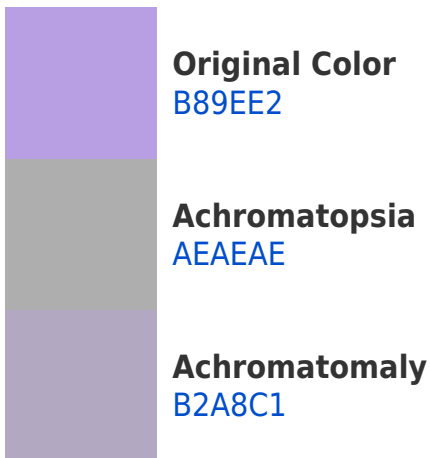


**Tritanopia**  
B0A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B89EE2 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 #B89EE2 looks like.

```
.text, #text, p{  
    color:#B89EE2  
}
```

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 #B89EE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B89EE2
}
```

## Border

The CSS property to change the border of an element to Hex B89EE2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

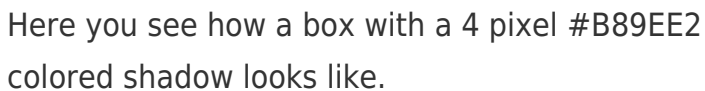
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B89EE2 }
```

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

```
.border{ border-color:#B89EE2 }
```

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



Here you see how a box with a 4 pixel #B89EE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B89EE2; -webkit-box-shadow:4px 4px  
4px 4px #B89EE2; box-shadow:4px 4px 4px  
4px #B89EE2 }
```

# Background

The CSS property to change the background color of an element to Hex B89EE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B89EE2 }
```

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

```
.background{ background-color:#B89EE2 }
```

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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