

Converting Colors

Hex(B89DEF)

Have a look what the booklet for
Hex(B89DEF) contains.

Hex(B89DEF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**B89DEF**)

Conversions

Conversions Part 1

Format	Color
Hex	B89DEF
RGB	184, 157, 239
RGB Percent	72%, 62%, 94%
CMY	0.2784, 0.3843, 0.0627
CMYK	0.23, 0.34, 0.00, 0.06
HSL	260°, 72%, 78%
HSV	260°, 34%, 94%
XYZ	47.4041, 40.5363, 86.9872
YIQ	174.4210, -10.2300, 31.2260

Conversions

Conversions Part 2

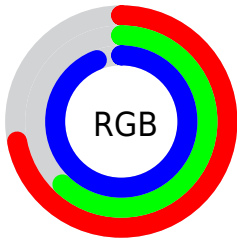
Format	Color
RYB	184, 157, 239
Decimal	12099055
CIELab	69.85, 26.48, -37.56
CIElCh	70, 45.955, 305.178
Yxy	40.5363, 0.2710, 0.2317
Android (android.graphics.Color)	4290289135 (0xFFB89DEF)
YUV	174.4210, 31.8374, 8.4008
Hunter-Lab	63.6681, 21.4831, -36.4379

Details

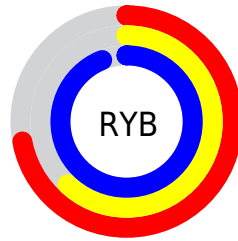
The Hex color **B89DEF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **D4EF9D**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **F1D4FF**, and **8169B7** is the 20% darker color. If you saturate the color by 10%, you get **A885EF**, and if you desaturate by 10%, it is **C8B5EF**.

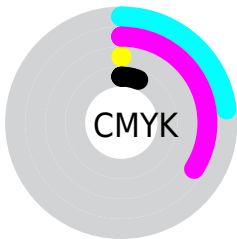
Distribution



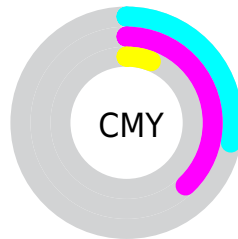
- Red (72%)
- Green (62%)
- Blue (94%)



- Red (72%)
- Yellow (62%)
- Blue (94%)



- Cyan (23%)
- Magenta (34%)
- Yellow (0%)
- Black (6%)



- Cyan (28%)
- Magenta (38%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color B89DEF 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 B89DEF by changing the saturation by 10% instead.

 B89DEF

 B89DEF

FFFFFF

 9C83D2

 F1D4FF

 8169B7

 FFF0FF

 67519C

 4D3A81

 342468

 190E4F

 060038

 000221

 000007

 B89DEF

 B89DEF

 A885EF

 C8B5EF

 986DEF

 D8CDEF

 8855EF

 E8E5EF

 783DEF

 F8FDEF

 6825EF

 FFFFEF

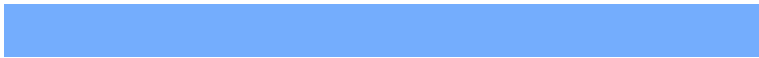
 580EEF

 4F00EF

Harmonies

Analogous

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



74ADFD



B89DEF



E48ECF

Triad

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



B89DEF



E19C5F



00C0B1

Complementary

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



B89DEF



D4EF9D

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.



5BBD86



B89DEF



BDAB55

Square

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



B89DEF



F68E7D



91B664



00BFD9

Rectangle

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



B89DEF



F589B3



91B664



1FC0A2

Sweetspot

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



B89DEF



EEE6FF



9DD5EF



757080



000000



808080

Same Dimension

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



B89DEF



B996FF



E09DEF



706C78



3C00B8



120038

Inverse Universe

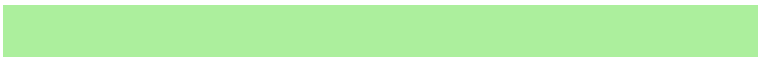
The Inverse Universe completely reimagines the original color for something new.



EF9DD4



FF96DD



ACEF9D



786C74



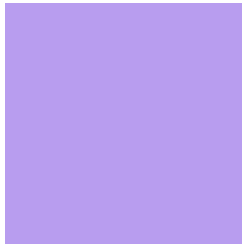
B8007B



380026

Previews

White Background



This preview shows how the Hex color B89DEF looks on a white background.

Color Contrast Check

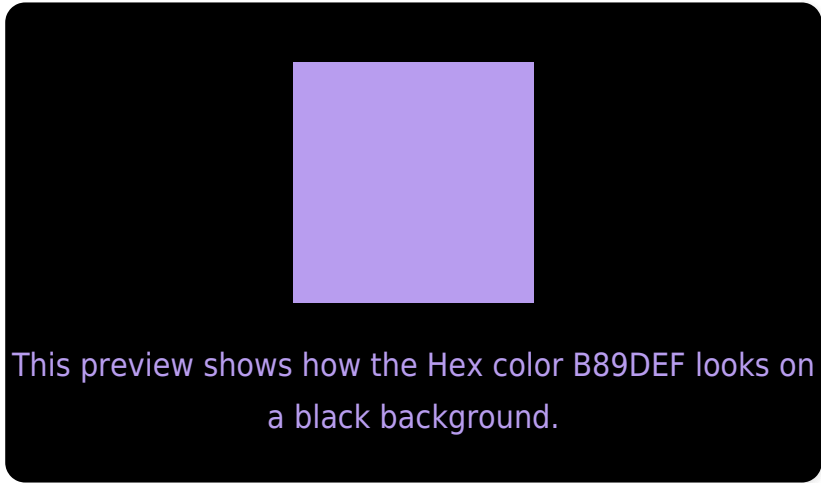
Large Text (above 18pt) WCAG AA × Fail

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

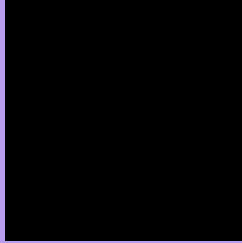
Any Text WCAG AA ✓ Pass

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 B89DEF Background



This preview shows how black text looks on a background with the Hex color B89DEF.

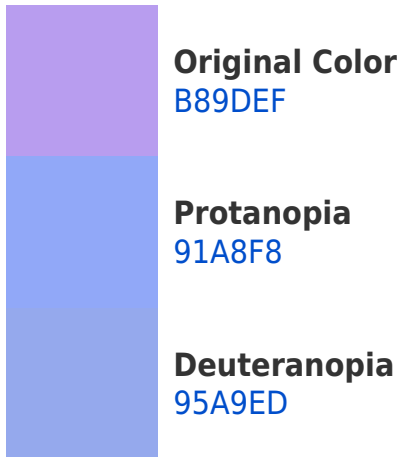


This preview shows how white text looks on a background with the Hex color B89DEF.

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](#).

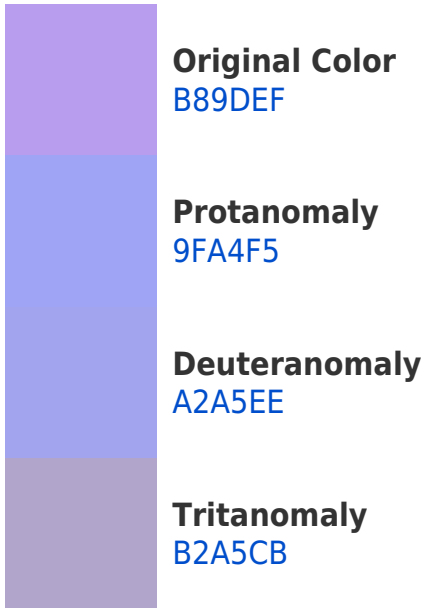
Dichromacy



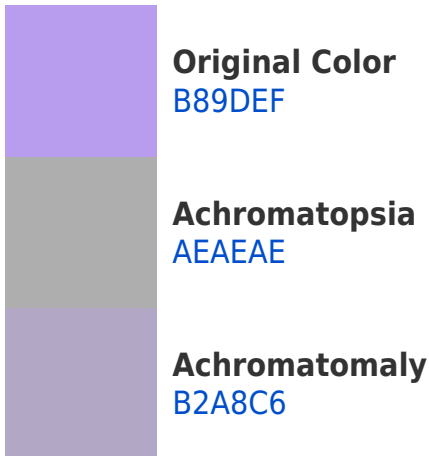


Tritanopia
AEA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B89DEF 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 #B89DEF looks like.

```
.text, #text, p{  
    color:#B89DEF  
}
```

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 #B89DEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B89DEF
}
```

Border

The CSS property to change the border of an element to Hex B89DEF 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
#B89DEF }
```

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

```
.border{ border-color:#B89DEF }
```

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

Here you see how a box with a 4 pixel #B89DEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B89DEF; -webkit-box-shadow:4px 4px  
4px 4px #B89DEF; box-shadow:4px 4px 4px  
4px #B89DEF }
```

Background

The CSS property to change the background color of an element to Hex B89DEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B89DEF }
```

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

```
.background{ background-color:#B89DEF }
```

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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