

# Converting Colors

Hex(B679EA)

Have a look what the booklet for  
Hex(B679EA) contains.

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# Color

**Hex(B679EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B679EA
RGB	182, 121, 234
RGB Percent	71%, 47%, 92%
CMY	0.2863, 0.5255, 0.0824
CMYK	0.22, 0.48, 0.00, 0.08
HSL	272°, 73%, 70%
HSV	272°, 48%, 92%
XYZ	40.9801, 29.5603, 81.3877
YIQ	152.1210, 0.0830, 48.0750

# Conversions

## Conversions Part 2

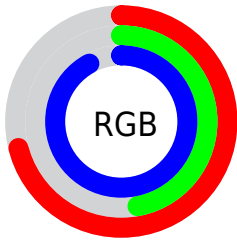
Format	Color
<a href="#">RYB</a>	<a href="#">182, 121, 234</a>
Decimal	<a href="#">11958762</a>
CIELab	<a href="#">61.27, 44.66, -48.28</a>
CIELCh	<a href="#">61, 65.765, 312.768</a>
Yxy	<a href="#">29.5603, 0.2697, 0.1946</a>
Android (android.graphics.Color)	<a href="#">4290148842 (0xFFB679EA)</a>
YUV	<a href="#">152.1210, 40.3663, 26.2039</a>
Hunter-Lab	<a href="#">54.3694, 39.3950, -50.6949</a>

# Details

The Hex color **B679EA** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **ADEA79**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **F0AFFE**, and **7E46B2** is the 20% darker color. If you saturate the color by 10%, you get **AB62EA**, and if you desaturate by 10%, it is **C190EA**.

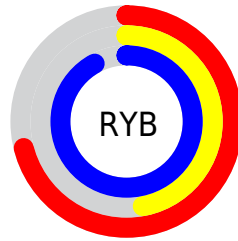
# Distribution



Red (71%)

Green (47%)

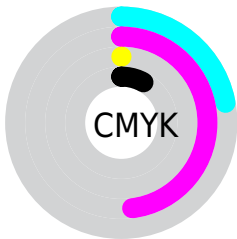
Blue (92%)



Red (71%)

Yellow (47%)

Blue (92%)

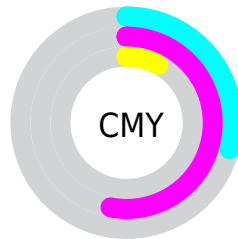


Cyan (22%)

Magenta (48%)

Yellow (0%)

Black (8%)



Cyan (29%)

Magenta (53%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B679EA 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 B679EA by changing the saturation by 10% instead.



 B679EA

 B679EA

FFFFFF

 9A5FCD

 F0AFFE

 7E46B2

 FFCBFF

 632D96

 FFE7FF

 48137C

 2D0063

 14004A

 000032

 00021C

 000000

 B679EA

 B679EA

 AB62EA

 C190EA

 A04AEA

 CCA8EA

 9633EA

 D6BFEA

 8B1BEA

 E1D7EA

 8004EA

 ECEEEA

 7E00EA

 F7FFEA

 FFFFEA

# Harmonies

## Analogous

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



4592FF



B679EA



EB60B8

# Triad

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



B679EA



CC8517



00AFAC

# Complementary

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



B679EA



ADEA79

# 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.



00AD6F



B679EA



999903

# Square

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



B679EA



EF6C47



57A637



00ADE2

# Rectangle

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



B679EA



FA5991



57A637



00AF98



# Sweetspot

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



B679EA



EFDBFF



79AEEA



766A80



000000



808080



# Same Dimension

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



B679EA



BB6BFF



EA79E6



706A75



6200B5



1D0036



# Inverse Universe

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



EA79AD



FF6BAF



79EA7D



756A6F



B50053

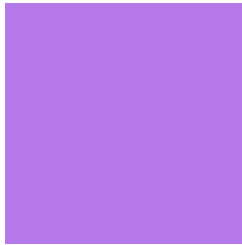


360019



# Previews

## White Background



This preview shows how the Hex color B679EA looks on a white background.

## Color Contrast Check

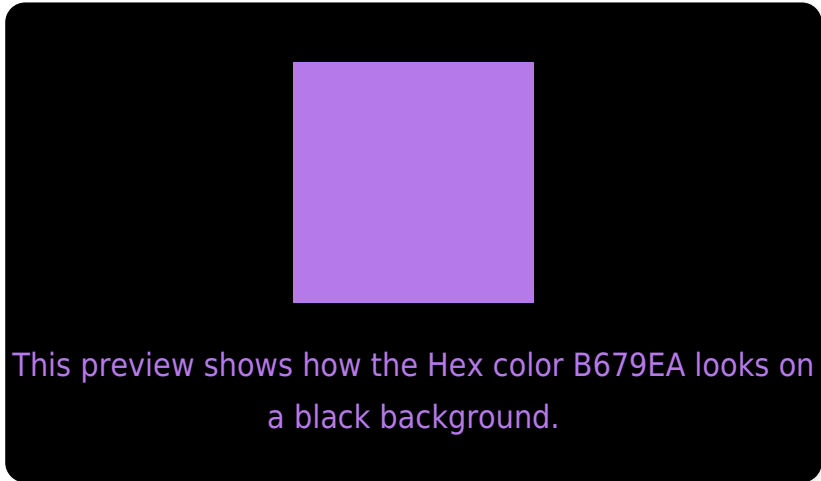
Large Text (above 18pt) WCAG AA ✓ Pass

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

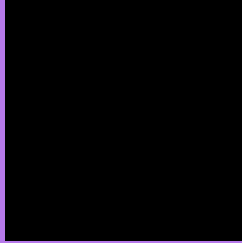
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B679EA Background



This preview shows how black text looks on a background with the Hex color B679EA.

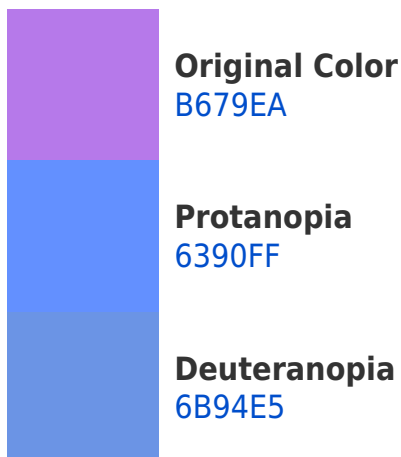


This preview shows how white text looks on a background with the Hex color B679EA.

# 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](#).

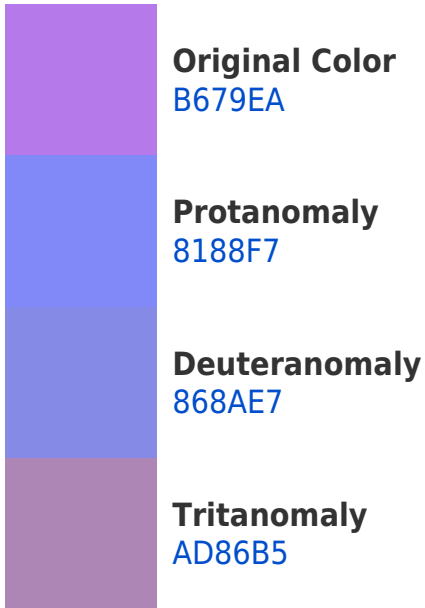
## Dichromacy



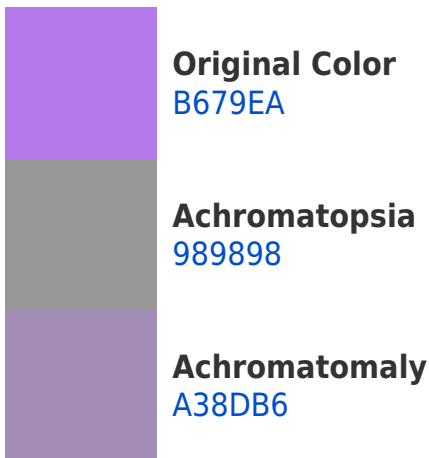


**Tritanopia**  
A88D97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B679EA 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 #B679EA looks like.

```
.text, #text, p{  
    color:#B679EA  
}
```

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 #B679EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B679EA
}
```

## Border

The CSS property to change the border of an element to Hex B679EA is called "border". The border property can be set on classes, ids or directly on the HTML element.

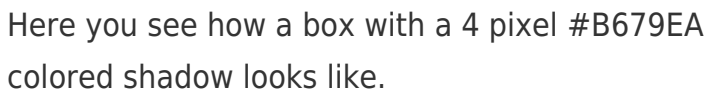
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B679EA }
```

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

```
.border{ border-color:#B679EA }
```

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



Here you see how a box with a 4 pixel #B679EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B679EA; -webkit-box-shadow:4px 4px  
4px 4px #B679EA; box-shadow:4px 4px 4px  
4px #B679EA }
```

# Background

The CSS property to change the background color of an element to Hex B679EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B679EA }
```

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

```
.background{ background-color:#B679EA }
```

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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