

# Converting Colors

Hex(B783E6)

Have a look what the booklet for  
Hex(B783E6) contains.

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# **Color**

**Hex(B783E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B783E6
RGB	183, 131, 230
RGB Percent	72%, 51%, 90%
CMY	0.2824, 0.4863, 0.0980
CMYK	0.20, 0.43, 0.00, 0.10
HSL	272°, 66%, 71%
HSV	272°, 43%, 90%
XYZ	41.9277, 32.0131, 78.8322
YIQ	157.8340, -0.7870, 41.8130

# Conversions

## Conversions Part 2

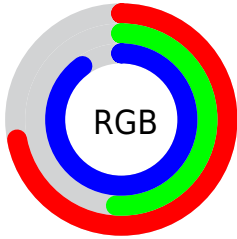
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 131, 230
Decimal	12026854
CIELab	63.35, 38.58, -42.77
CIELCh	63, 57.599, 312.049
Yxy	32.0131, 0.2744, 0.2095
Android (android.graphics.Color)	4290216934 (0xFFB783E6)
YUV	157.8340, 35.5778, 22.0706
Hunter-Lab	56.5801, 33.2591, -43.0019

# Details

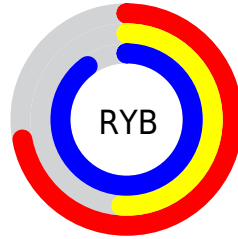
The Hex color **B783E6** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B2E683**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **F0B9FF**, and **8050AE** is the 20% darker color. If you saturate the color by 10%, you get **AC6CE6**, and if you desaturate by 10%, it is **C29AE6**.

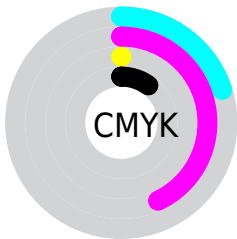
# Distribution



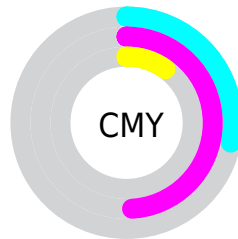
- Red (72%)
- Green (51%)
- Blue (90%)



- Red (72%)
- Yellow (51%)
- Blue (90%)



- Cyan (20%)
- Magenta (43%)
- Yellow (0%)
- Black (10%)



- Cyan (28%)
- Magenta (49%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B783E6 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 B783E6 by changing the saturation by 10% instead.



 B783E6

 B783E6

FFFFFF

 9B69CA

 F0B9FF

 8050AE

 FFD5FF

 653893

 FFF2FF

 4B2079

 310660

 180047

 000030

 00011A

 000000

 B783E6

 B783E6

 AC6CE6

 C29AE6

 A155E6

 CDB1E6

 963EE6

 D8C8E6

 8B27E6

 E3DFE6

 8010E6

 EE66E6

 7900E6

 F9FFE6

 FFFE66

# Harmonies

## Analogous

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



5E98FE



B783E6



E770BA

# Triad

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



B783E6



CE8C34



00B2AD

# Complementary

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



B783E6



B2E683

# 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.



00B078



B783E6



A19D2C

# Square

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



B783E6



ED7757



69A949



00B0DD

# Rectangle

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



B783E6



F56A98



69A949



00B29B



# Sweetspot

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



B783E6



EFDEFF



83B3E6



766B80



000000



808080



# Same Dimension

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



B783E6



C07AFF



E683E4



6D6773



5E00B3



1B0033



# Inverse Universe

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



E683B2



FF7AB9



83E685



73676D



B30055

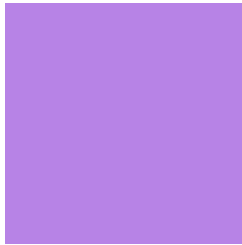


330018



# Previews

## White Background



This preview shows how the Hex color B783E6 looks on a white background.

## Color Contrast Check

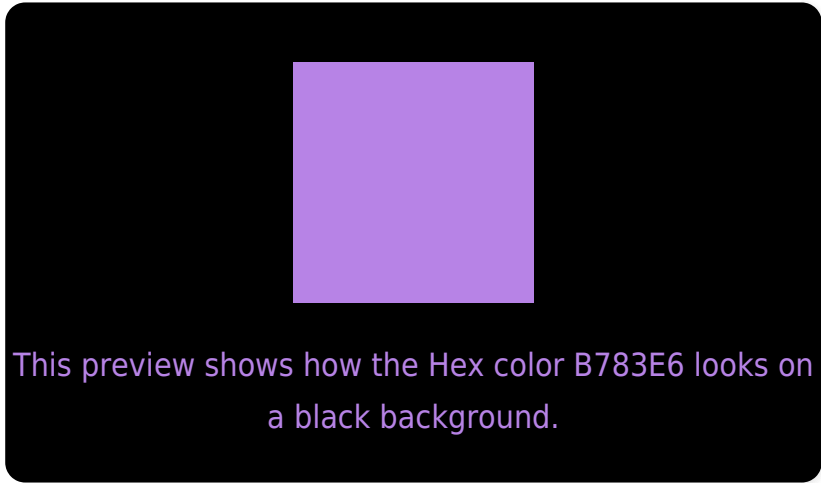
Large Text (above 18pt) WCAG AA × Fail

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

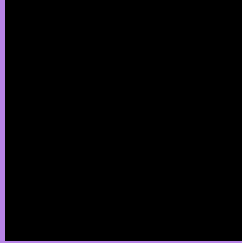
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B783E6 Background



This preview shows how black text looks on a background with the Hex color B783E6.

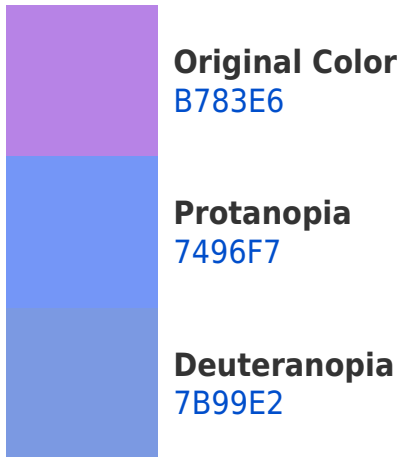



This preview shows how white text looks on a background with the Hex color B783E6.

# 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](#).

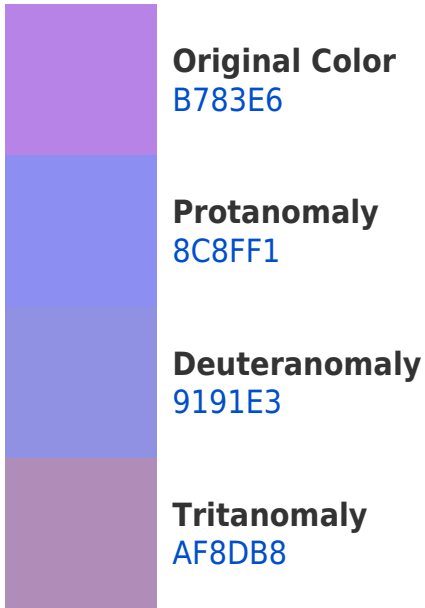
## Dichromacy



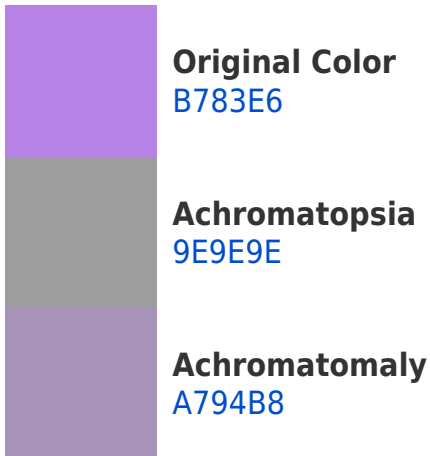


**Tritanopia**  
AB939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B783E6 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 #B783E6 looks like.

```
.text, #text, p{  
    color:#B783E6  
}
```

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 #B783E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B783E6
}
```

## Border

The CSS property to change the border of an element to Hex B783E6 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
#B783E6 }
```

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

```
.border{ border-color:#B783E6 }
```

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

Here you see how a box with a 4 pixel #B783E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B783E6; -webkit-box-shadow:4px 4px  
4px 4px #B783E6; box-shadow:4px 4px 4px  
4px #B783E6 }
```

# Background

The CSS property to change the background color of an element to Hex B783E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B783E6 }
```

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

```
.background{ background-color:#B783E6 }
```

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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