

Converting Colors

Hex(B783C6)

Have a look what the booklet for
Hex(B783C6) contains.

Hex(B783C6)	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(B783C6)

Conversions

Conversions Part 1

Format	Color
Hex	B783C6
RGB	183, 131, 198
RGB Percent	72%, 51%, 78%
CMY	0.2824, 0.4863, 0.2235
CMYK	0.08, 0.34, 0.00, 0.22
HSL	287°, 37%, 65%
HSV	287°, 34%, 78%
XYZ	37.8378, 30.3771, 57.2952
YIQ	154.1860, 9.4850, 31.8610

Conversions

Conversions Part 2

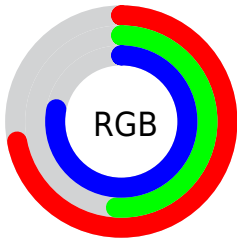
Format	Color
RYB	183, 131, 198
Decimal	12026822
CIELab	61.98, 31.70, -27.02
CIELCh	62, 41.657, 319.559
Yxy	30.3771, 0.3015, 0.2420
Android (android.graphics.Color)	4290216902 (0xFFB783C6)
YUV	154.1860, 21.6003, 25.2699
Hunter-Lab	55.1154, 26.0916, -23.0541

Details

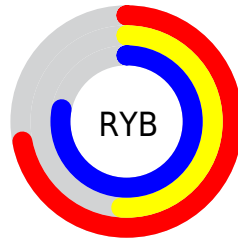
The Hex color **B783C6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **92C683**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **F0B9FF**, and **815090** is the 20% darker color. If you saturate the color by 10%, you get **B36FC6**, and if you desaturate by 10%, it is **BB97C6**.

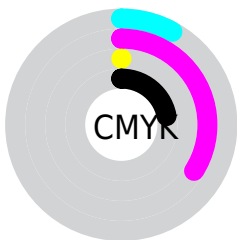
Distribution



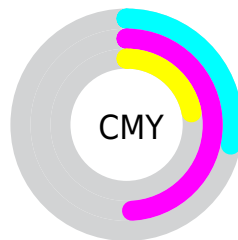
- Red (72%)
- Green (51%)
- Blue (78%)



- Red (72%)
- Yellow (51%)
- Blue (78%)



- Cyan (8%)
- Magenta (34%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (49%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color B783C6 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 B783C6 by changing the saturation by 10% instead.

 B783C6

 B783C6

FFFFFF

 9C69AB

 F0B9FF

 815090

 FFD5FF

 673976

 FFF1FF

 4E215D

 360945

 21002F

 000119

 000000

 B783C6

 B783C6

 B36FC6

 BB97C6

 AE5BC6

 C0ABC6

 AA48C6

 C4BEC6

 A534C6

 C9D2C6

 A120C6

 CDE6C6

 9C0CC6

 D2FAC6

 9A00C6

 D6FFC6

 DAFFC6

 DFFFC6

Harmonies

Analogous

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



8591DB



B783C6



D479A4

Triad

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



B783C6



B88F4C



00A9AD

Complementary

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



B783C6



92C683

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.



2FA887



B783C6



959B4E

Square

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



B783C6



D1825F



6AA464



00A5CD

Rectangle

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



B783C6



DC788B



6AA464



00A9A1

Sweetspot

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



B783C6



F9E6FF



8393C6



7C7080



000000



808080

Same Dimension

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



B783C6



E896FF



C683B4



615A63



7F00A3



1C0024

Inverse Universe

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



C68392



FF96AE



83C695



635A5C



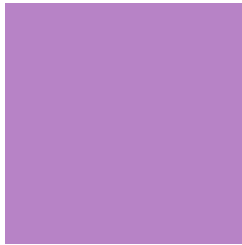
A30025



240008

Previews

White Background



This preview shows how the Hex color B783C6 looks on a white background.

Color Contrast Check

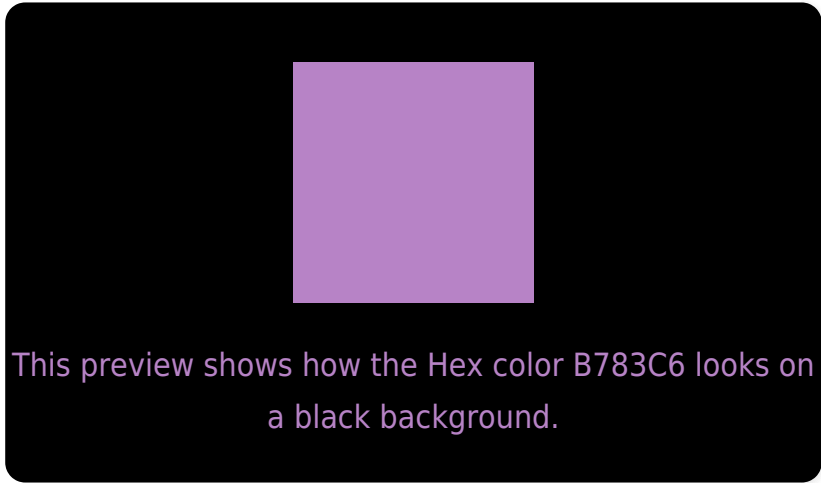
Large Text (above 18pt) WCAG AA × Fail

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

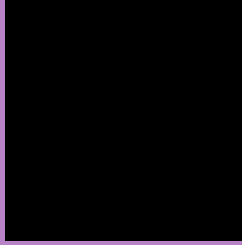
Any Text WCAG AA ✓ Pass

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 B783C6 Background



This preview shows how black text looks on a background with the Hex color B783C6.

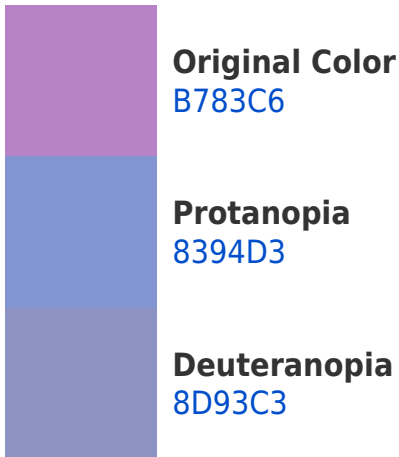


This preview shows how white text looks on a background with the Hex color B783C6.

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
B08C97

Trichromacy



Original Color
B783C6



Protanomaly
968ECE



Deuteranomaly
9C8DC4



Tritanomaly
B389A8

Monochromacy



Original Color
B783C6



Achromatopsia
9A9A9A



Achromatomaly
A592AA

CSS Examples

Text

The CSS property to change the color of the text to Hex B783C6 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 #B783C6 looks like.

```
.text, #text, p{  
    color:#B783C6  
}
```

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 #B783C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B783C6  
}
```

Border

The CSS property to change the border of an element to Hex B783C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

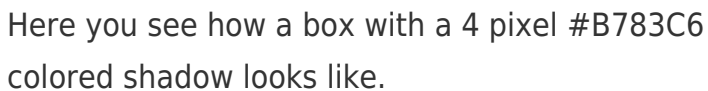
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B783C6 }
```

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

```
.border{ border-color:#B783C6 }
```

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



Here you see how a box with a 4 pixel `#B783C6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B783C6; -webkit-box-shadow:4px 4px  
4px 4px #B783C6; box-shadow:4px 4px 4px  
4px #B783C6 }
```

Background

The CSS property to change the background color of an element to Hex B783C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B783C6 }
```

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

```
.background{ background-color:#B783C6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor