

Converting Colors

Hex(B783D4)

Have a look what the booklet for
Hex(B783D4) contains.

Hex(B783D4)	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(B783D4)

Conversions

Conversions Part 1

Format	Color
Hex	B783D4
RGB	183, 131, 212
RGB Percent	72%, 51%, 83%
CMY	0.2824, 0.4863, 0.1686
CMYK	0.14, 0.38, 0.00, 0.17
HSL	279°, 49%, 67%
HSV	279°, 38%, 83%
XYZ	39.5284, 31.0533, 66.1979
YIQ	155.7820, 4.9910, 36.2150

Conversions

Conversions Part 2

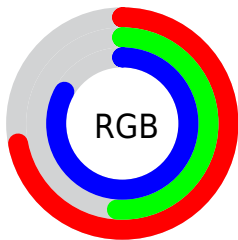
Format	Color
RYB	183, 131, 212
Decimal	12026836
CIELab	62.55, 34.63, -33.99
CIELCh	63, 48.525, 315.528
Yxy	31.0533, 0.2890, 0.2270
Android (android.graphics.Color)	4290216916 (0xFFB783D4)
YUV	155.7820, 27.7155, 23.8702
Hunter-Lab	55.7255, 29.0977, -31.4243

Details

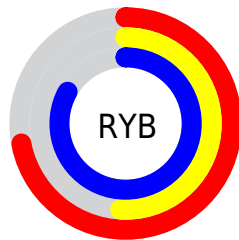
The Hex color **B783D4** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A0D483**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **F0B9FF**, and **81509D** is the 20% darker color. If you saturate the color by 10%, you get **AF6ED4**, and if you desaturate by 10%, it is **BF98D4**.

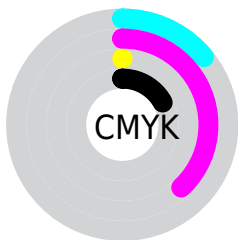
Distribution



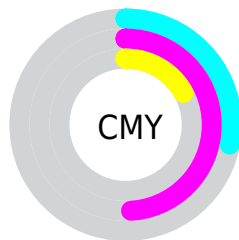
- Red (72%)
- Green (51%)
- Blue (83%)



- Red (72%)
- Yellow (51%)
- Blue (83%)



- Cyan (14%)
- Magenta (38%)
- Yellow (0%)
- Black (17%)



- Cyan (28%)
- Magenta (49%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color B783D4 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 B783D4 by changing the saturation by 10% instead.


 B783D4

 B783D4

FFFFFF

 9B69B8

 F0B9FF

 81509D

 FFD5FF

 663883

 FFF1FF

 4D2169

 340851

 1E0039

 000023

 00000A

 000000

 B783D4

 B783D4

 AF6ED4

 BF98D4

 A859D4

 C6ADD4

 A043D4

 CEC3D4

 992ED4

 D5D8D4

 9119D4

 DDEDD4

 8904D4

 E5FFD4

 8800D4

 ECFFD4

 F4FFD4

 FBFFD4

Harmonies

Analogous

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



7794EA



B783D4



DC75AE

Triad

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



B783D4



C28E42



00ADAD

Complementary

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



B783D4



A0D483

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.



13AC80



B783D4



9B9C40

Square

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



B783D4



DE7E5C



6AA658



00AAD4

Rectangle

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



B783D4



E77291



6AA658



00AD9E

Sweetspot

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



B783D4



F5E3FF



83A1D4



7A6F80



000000



808080

Same Dimension

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



B783D4



D58AFF



D483C9



67606B



6E00AB



1C002B

Inverse Universe

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



D483A0



FF8AB4



83D48E



6B6064



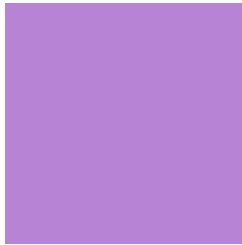
AB003D



2B0010

Previews

White Background



This preview shows how the Hex color B783D4 looks on a white background.

Color Contrast Check

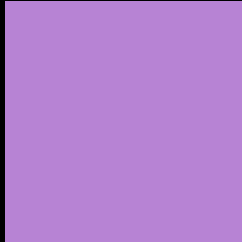
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B783D4 looks on a 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 B783D4 Background



This preview shows how black text looks on a background with the Hex color B783D4.

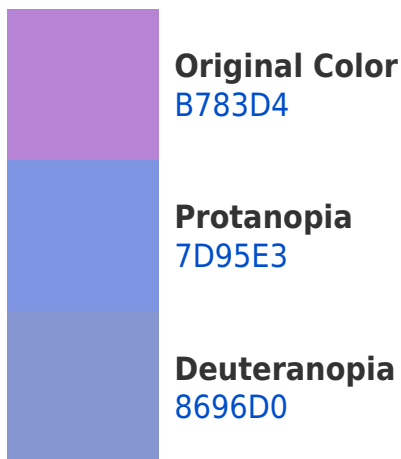


This preview shows how white text looks on a background with the Hex color B783D4.

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
AE8F9A

Trichromacy



Original Color
B783D4



Protanomaly
928EDE



Deuteranomaly
988FD1



Tritanomaly
B18BAF

Monochromacy



Original Color
B783D4



Achromatopsia
9C9C9C



Achromatomaly
A693B0

CSS Examples

Text

The CSS property to change the color of the text to Hex B783D4 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 #B783D4 looks like.

```
.text, #text, p{  
    color:#B783D4  
}
```

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 #B783D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B783D4
}
```

Border

The CSS property to change the border of an element to Hex B783D4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

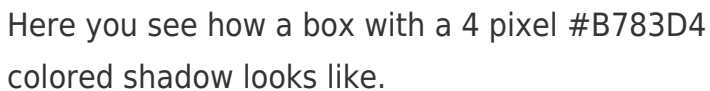
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B783D4 }
```

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

```
.border{ border-color:#B783D4 }
```

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



Here you see how a box with a 4 pixel #B783D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B783D4; -webkit-box-shadow:4px 4px  
4px 4px #B783D4; box-shadow:4px 4px 4px  
4px #B783D4 }
```

Background

The CSS property to change the background color of an element to Hex B783D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B783D4 }
```

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

```
.background{ background-color:#B783D4 }
```

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