

Converting Colors

Hex(B783E2)

Have a look what the booklet for
Hex(B783E2) contains.

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Color

Hex(B783E2)

Conversions

Conversions Part 1

Format	Color
Hex	B783E2
RGB	183, 131, 226
RGB Percent	72%, 51%, 89%
CMY	0.2824, 0.4863, 0.1137
CMYK	0.19, 0.42, 0.00, 0.11
HSL	273°, 62%, 70%
HSV	273°, 42%, 89%
XYZ	41.3722, 31.7909, 75.9072
YIQ	157.3780, 0.4970, 40.5690

Conversions

Conversions Part 2

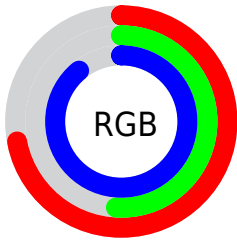
Format	Color
R_{YB}	183, 131, 226
Decimal	12026850
CIE _{Lab}	63.17, 37.68, -40.84
CIE _{LCh}	63, 55.568, 312.698
Yxy	31.7909, 0.2775, 0.2133
Android (android.graphics.Color)	4290216930 (0xFFB783E2)
YUV	157.3780, 33.8306, 22.4705
Hunter-Lab	56.3834, 32.3063, -40.3519

Details

The Hex color **B783E2** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **AEE283**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **F0B9FF**, and **8050AA** is the 20% darker color. If you saturate the color by 10%, you get **AD6CE2**, and if you desaturate by 10%, it is **C19AE2**.

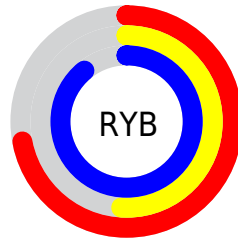
Distribution



Red (72%)

Green (51%)

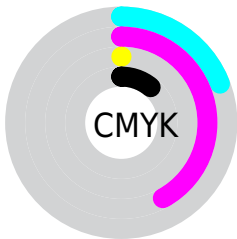
Blue (89%)



Red (72%)

Yellow (51%)

Blue (89%)

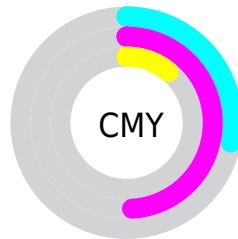


Cyan (19%)

Magenta (42%)

Yellow (0%)

Black (11%)



Cyan (28%)

Magenta (49%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B783E2 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 B783E2 by changing the saturation by 10% instead.

 B783E2

 B783E2

FFFFFF

 9B69C6

 F0B9FF

 8050AA

 FFD5FF

 66388F

 FFF1FF

 4C2075

 32065C

 1A0044

 00002D

 000117

 000000

 B783E2

 B783E2

 AD6CE2

 C19AE2

 A356E2

 CBB0E2

 983FE2

 D6C7E2

 8E29E2

 E0DDE2

 8412E2

 EAF4E2

 7C00E2

 F4FFE2

 FFFFE2

Harmonies

Analogous

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



6497FA



B783E2



E471B8

Triad

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



B783E2



CB8C37



00B1AD

Complementary

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



B783E2



AEE283

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.



00AF7A



B783E2



A09D31

Square

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



B783E2



EA7958



69A94C



00AFDB

Rectangle

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



B783E2



F26C96



69A94C



00B19C

Sweetspot

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



B783E2



F0DEFF



83AFE2



766B80



000000



808080

Same Dimension

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



B783E2



C580FF



E283DF



6B6570



6000B0



1B0030

Inverse Universe

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



E283AE



FF80B9



83E286



70656A



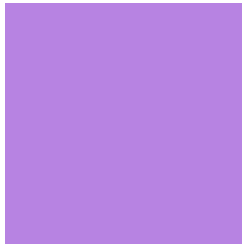
B00050



300016

Previews

White Background



This preview shows how the Hex color B783E2 looks on a white background.

Color Contrast Check

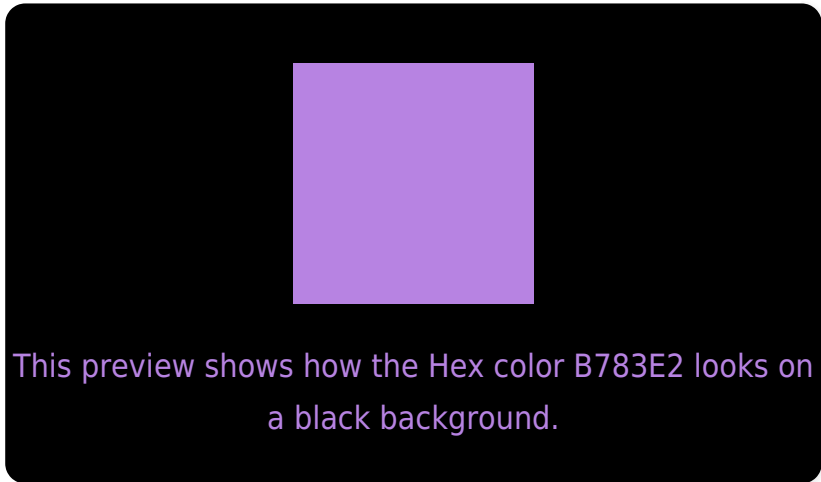
Large Text (above 18pt) WCAG AA × Fail

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

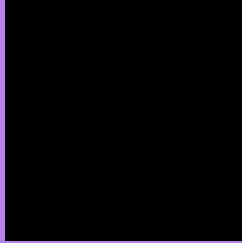
Any Text WCAG AA ✓ Pass

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 B783E2 Background



This preview shows how black text looks on a background with the Hex color B783E2.




This preview shows how white text looks on a background with the Hex color B783E2.

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](#).

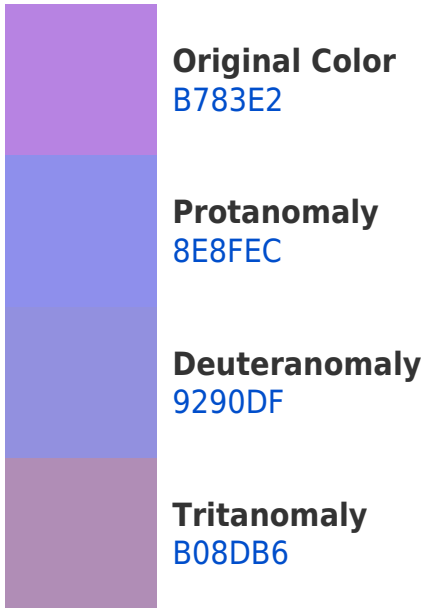
Dichromacy



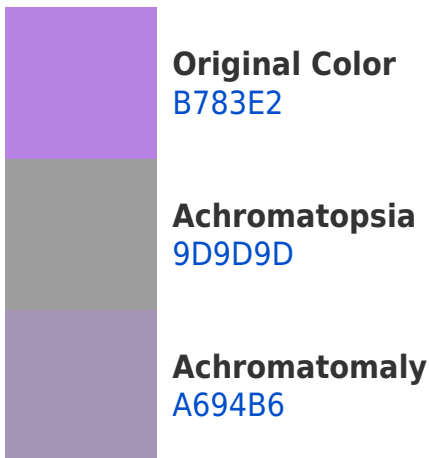


Tritanopia
AC929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B783E2 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 #B783E2 looks like.

```
.text, #text, p{  
    color:#B783E2  
}
```

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 #B783E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B783E2
}
```

Border

The CSS property to change the border of an element to Hex B783E2 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
#B783E2 }
```

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

```
.border{ border-color:#B783E2 }
```

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

Here you see how a box with a 4 pixel #B783E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B783E2; -webkit-box-shadow:4px 4px  
4px 4px #B783E2; box-shadow:4px 4px 4px  
4px #B783E2 }
```

Background

The CSS property to change the background color of an element to Hex B783E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B783E2 }
```

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

```
.background{ background-color:#B783E2 }
```

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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