

Converting Colors

Hex(B784EB)

Have a look what the booklet for
Hex(B784EB) contains.

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Color

Hex(B784EB)

Conversions

Conversions Part 1

Format	Color
Hex	B784EB
RGB	183, 132, 235
RGB Percent	72%, 52%, 92%
CMY	0.2824, 0.4824, 0.0784
CMYK	0.22, 0.44, 0.00, 0.08
HSL	270°, 72%, 72%
HSV	270°, 44%, 92%
XYZ	42.7751, 32.5680, 82.6290
YIQ	158.9910, -2.6670, 42.8450

Conversions

Conversions Part 2

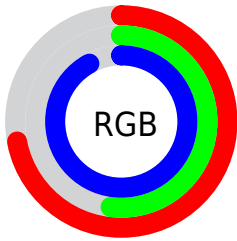
Format	Color
R _Y B	183, 132, 235
Decimal	12027115
CIE Lab	63.81, 39.16, -44.82
CIE LCh	64, 59.520, 311.142
Yxy	32.5680, 0.2708, 0.2062
Android (android.graphics.Color)	4290217195 (0xFFB784EB)
YUV	158.9910, 37.4724, 21.0559
Hunter-Lab	57.0684, 33.9236, -45.8979

Details

The Hex color **B784EB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B8EB84**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **F1BAFF**, and **8051B3** is the 20% darker color. If you saturate the color by 10%, you get **AB6DEB**, and if you desaturate by 10%, it is **C39CEB**.

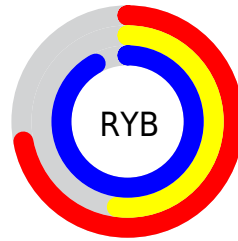
Distribution



Red (72%)

Green (52%)

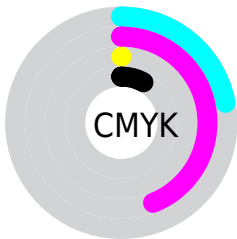
Blue (92%)



Red (72%)

Yellow (52%)

Blue (92%)

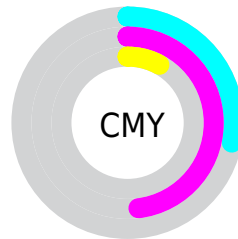


Cyan (22%)

Magenta (44%)

Yellow (0%)

Black (8%)



Cyan (28%)

Magenta (48%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color B784EB 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 B784EB by changing the saturation by 10% instead.

 B784EB

 B784EB

FFFFFF

 9B6ACF

 F1BAFF

 8051B3

 FFD6FF

 653998

 FFF3FF

 4A217D

 300764

 15004B

 000034

 00021E

 000000

 B784EB

 B784EB

 AB6DEB

 C39CEB

 9F55EB

 CFB3EB

 933EEB

 DBCBEB

 8826EB

 E6E2EB

 7C0FEB

 F2FAEB

 7400EB

 FEFFEB

 FFFFEB

Harmonies

Analogous

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



579AFF



B784EB



E96FBE

Triad

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



B784EB



D28C31



00B4AD

Complementary

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



B784EB



B8EB84

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.



00B276



B784EB



A49E27

Square

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



B784EB



F17757



6AAB46



00B2DF

Rectangle

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



B784EB



F9699B



6AAB46



00B49B

Sweetspot

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



B784EB



EEDEFF



84B9EB



756B80



000000



808080

Same Dimension

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



B784EB



BB78FF



E984EB



6F6A75



5A00B5



1B0036

Inverse Universe

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



EB84B8



FF78BC



86EB84



756A6F



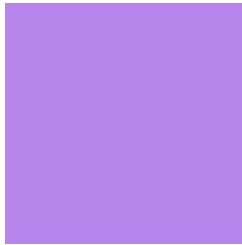
B5005B



36001B

Previews

White Background



This preview shows how the Hex color B784EB looks on a white background.

Color Contrast Check

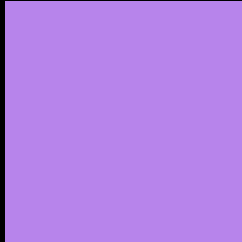
Large Text (above 18pt) WCAG AA × Fail

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 B784EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

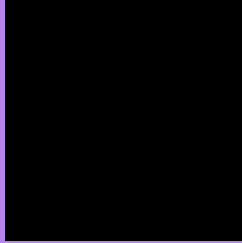
Any Text WCAG AA ✓ Pass

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 B784EB Background



This preview shows how black text looks on a background with the Hex color B784EB.

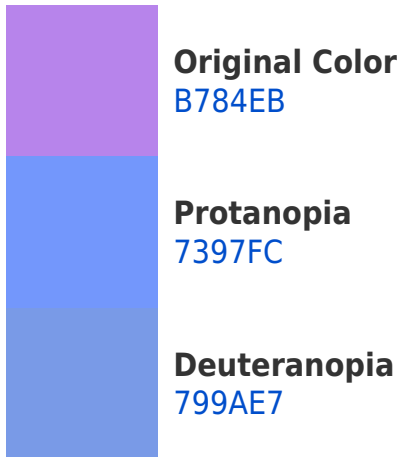


This preview shows how white text looks on a background with the Hex color B784EB.

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
AA95A0

Trichromacy



Original Color
B784EB



Protanomaly
8C90F6



Deuteranomaly
9092E8



Tritanomaly
AF8FBB

Monochromacy



Original Color
B784EB



Achromatopsia
9F9F9F



Achromatomaly
A895BB

CSS Examples

Text

The CSS property to change the color of the text to Hex B784EB 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 #B784EB looks like.

```
.text, #text, p{  
    color:#B784EB  
}
```

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 #B784EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B784EB
}
```

Border

The CSS property to change the border of an element to Hex B784EB is called "border". The border property can be set on classes, ids or directly on the HTML element.

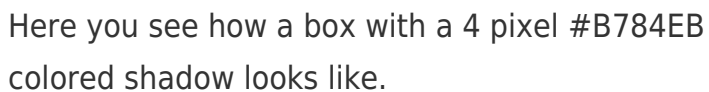
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B784EB }
```

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

```
.border{ border-color:#B784EB }
```

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



Here you see how a box with a 4 pixel #B784EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B784EB; -webkit-box-shadow:4px 4px  
4px 4px #B784EB; box-shadow:4px 4px 4px  
4px #B784EB }
```

Background

The CSS property to change the background color of an element to Hex B784EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B784EB }
```

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

```
.background{ background-color:#B784EB }
```

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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