

Converting Colors

Hex(B478EB)

Have a look what the booklet for
Hex(B478EB) contains.

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Color

Hex(B478EB)

Conversions

Conversions Part 1

Format	Color
Hex	B478EB
RGB	180, 120, 235
RGB Percent	71%, 47%, 92%
CMY	0.2941, 0.5294, 0.0784
CMYK	0.23, 0.49, 0.00, 0.08
HSL	271°, 74%, 70%
HSV	271°, 49%, 92%
XYZ	40.5343, 29.1344, 82.0844
YIQ	151.0500, -1.1550, 48.4850

Conversions

Conversions Part 2

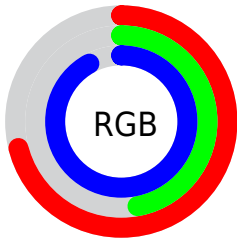
Format	Color
RYB	180, 120, 235
Decimal	11827435
CIELab	60.90, 44.89, -49.44
CIElCh	61, 66.777, 312.239
Yxy	29.1344, 0.2671, 0.1920
Android (android.graphics.Color)	4290017515 (0xFFB478EB)
YUV	151.0500, 41.3874, 25.3892
Hunter-Lab	53.9763, 39.5886, -52.3818

Details

The Hex color **B478EB** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **AFE78**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **EEAEFF**, and **7C45B3** is the 20% darker color. If you saturate the color by 10%, you get **A961EB**, and if you desaturate by 10%, it is **BF8FEB**.

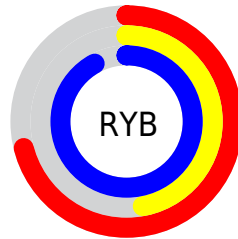
Distribution



Red (71%)

Green (47%)

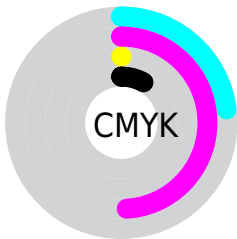
Blue (92%)



Red (71%)

Yellow (47%)

Blue (92%)

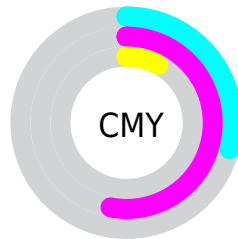


Cyan (23%)

Magenta (49%)

Yellow (0%)

Black (8%)



Cyan (29%)

Magenta (53%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color B478EB 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 B478EB by changing the saturation by 10% instead.

 B478EB

 B478EB

FFFFFF

 985ECE

 EEAEFF

 7C45B3


 FFCAFF

 612C97

 FFE6FF

 46127D

 2B0063

 11004B

 000033

 00021D

 000000

 B478EB

 B478EB

 A961EB

 BF8FEB

 9E49EB

 CAA7EB

 9232EB

 D6BFEB

 871AEB

 E1D6EB

 7C02EB

 ECEEEB

 7B00EB

 F7FFEB

 FFFFEB

Harmonies

Analogous

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



3B92FF



B478EB



EB5EB8

Triad

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



B478EB



CC8312



00AEAA

Complementary

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



B478EB



AFE878

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.



00AC6D



B478EB



999800

Square

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



B478EB



F06A46



56A533



00ACE1

Rectangle

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



B478EB



FA5691



56A533



00AE96

Sweetspot

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



B478EB



EDD9FF



78B0EB



756980



000000



808080

Same Dimension

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



B478EB



B769FF



EB78E9



706A75



5E00B5



1C0036

Inverse Universe

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



EB78AF



FF69B1



78EB7A



756A6F



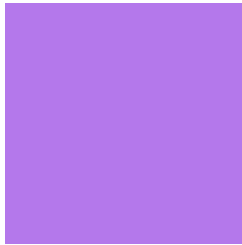
B50057



36001A

Previews

White Background



This preview shows how the Hex color B478EB looks on a white background.

Color Contrast Check

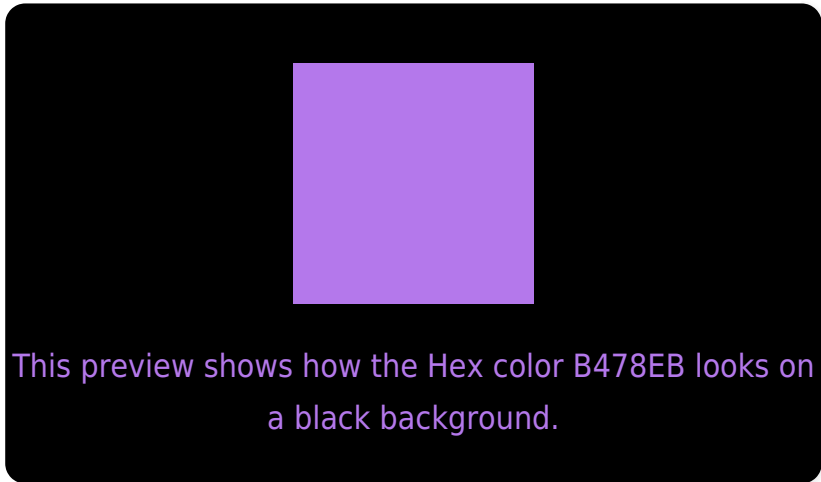
Large Text (above 18pt) WCAG AA ✓ Pass

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

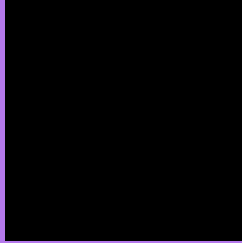
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex B478EB Background



This preview shows how black text looks on a background with the Hex color B478EB.

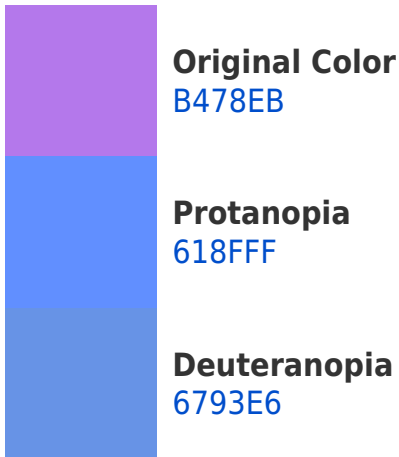


This preview shows how white text looks on a background with the Hex color B478EB.

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
A68C97

Trichromacy



Original Color
B478EB



Protanomaly
7F87F8



Deuteranomaly
8389E8



Tritanomaly
AB85B6

Monochromacy



Original Color
B478EB



Achromatopsia
979797



Achromatomaly
A28CB6

CSS Examples

Text

The CSS property to change the color of the text to Hex B478EB 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 #B478EB looks like.

```
.text, #text, p{  
    color:#B478EB  
}
```

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 #B478EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B478EB
}
```

Border

The CSS property to change the border of an element to Hex B478EB is called "border". The border property can be set on classes, ids or directly on the HTML element.

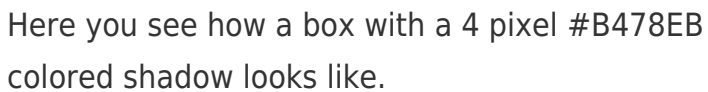
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B478EB }
```

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

```
.border{ border-color:#B478EB }
```

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



Here you see how a box with a 4 pixel #B478EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B478EB; -webkit-box-shadow:4px 4px  
4px 4px #B478EB; box-shadow:4px 4px 4px  
4px #B478EB }
```

Background

The CSS property to change the background color of an element to Hex B478EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B478EB }
```

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

```
.background{ background-color:#B478EB }
```

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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