

Converting Colors

Hex(B874EE)

Have a look what the booklet for
Hex(B874EE) contains.

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Color

Hex(B874EE)

Conversions

Conversions Part 1

Format	Color
Hex	B874EE
RGB	184, 116, 238
RGB Percent	72%, 45%, 93%
CMY	0.2784, 0.5451, 0.0667
CMYK	0.23, 0.51, 0.00, 0.07
HSL	273°, 78%, 69%
HSV	273°, 51%, 93%
XYZ	41.4452, 28.8542, 84.2739
YIQ	150.2400, 1.3660, 52.3580

Conversions

Conversions Part 2

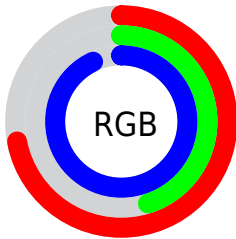
Format	Color
RYB	184, 116, 238
Decimal	12088558
CIELab	60.65, 48.75, -51.47
CIELCh	61, 70.894, 313.448
Yxy	28.8542, 0.2681, 0.1867
Android (android.graphics.Color)	4290278638 (0xFFB874EE)
YUV	150.2400, 43.2657, 29.6075
Hunter-Lab	53.7161, 43.7203, -55.4175

Details

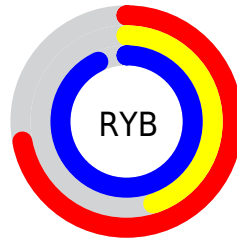
The Hex color **B874EE** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **AAEE74**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **F2AAFF**, and **8040B5** is the 20% darker color. If you saturate the color by 10%, you get **AD5CEE**, and if you desaturate by 10%, it is **C38CEE**.

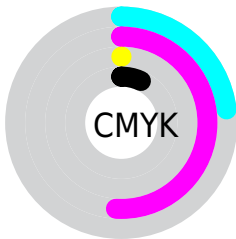
Distribution



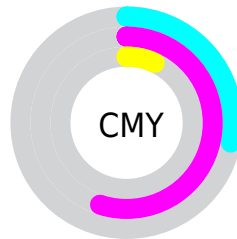
- Red (72%)
- Green (45%)
- Blue (93%)



- Red (72%)
- Yellow (45%)
- Blue (93%)



- Cyan (23%)
- Magenta (51%)
- Yellow (0%)
- Black (7%)



- Cyan (28%)
- Magenta (55%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color B874EE 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 B874EE by changing the saturation by 10% instead.

 B874EE

 B874EE

FFFFFF

 9C5AD1

 F2AAFF

 8040B5

 FFC6FF

 64279A

 FFE2FF

 490980

 2D0066

 14004D

 000035

 00021F

 000002

 B874EE

 B874EE

 AD5CEE

 C38CEE

 A344EE

 CDA4EE

 982DEE

 D8BBEE

 8E15EE

 E2D3EE

 8500EE

 EDEBEE

 F7FFEE

 FFFFEE

Harmonies

Analogous

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



3390FF



B874EE



F057B8

Triad

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



B874EE



CB8300



00AFAE

Complementary

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



B874EE



AAEE74

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.



00AD6C



B874EE



959800

Square

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



B874EE



F2673E



4BA62D



00ACE7

Rectangle

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



B874EE



FF4F8E



4BA62D



00AF98

Sweetspot

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



B874EE



EED9FF



74ABEE



756980



000000



808080

Same Dimension

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



B874EE



B961FF



EE74E8



736C78



6600B8



1F0038

Inverse Universe

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



EE74AA



FF61A7



74EE7A



786C71



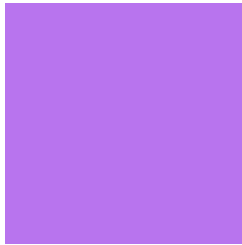
B80051



380019

Previews

White Background



This preview shows how the Hex color B874EE looks on a white background.

Color Contrast Check

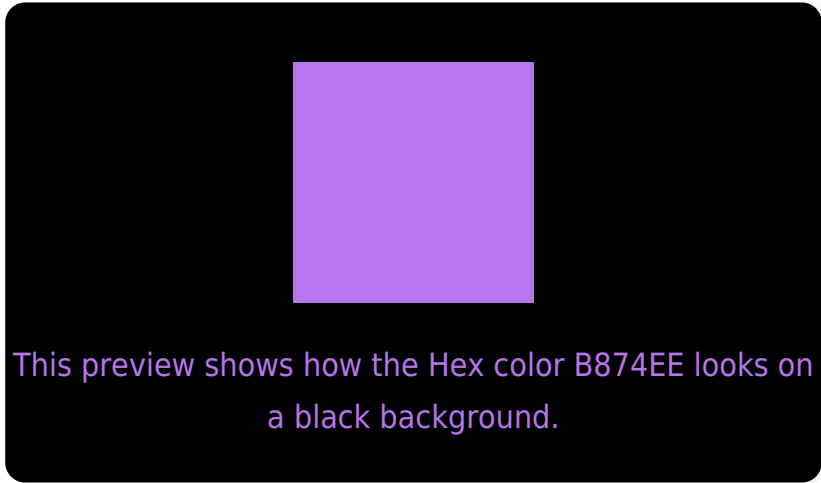
Large Text (above 18pt) WCAG AA ✓ Pass

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

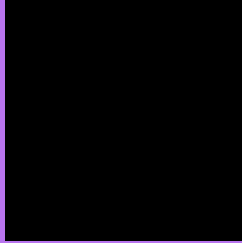
Any Text WCAG AA ✓ Pass

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 B874EE Background



This preview shows how black text looks on a background with the Hex color B874EE.




This preview shows how white text looks on a background with the Hex color B874EE.

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](#).

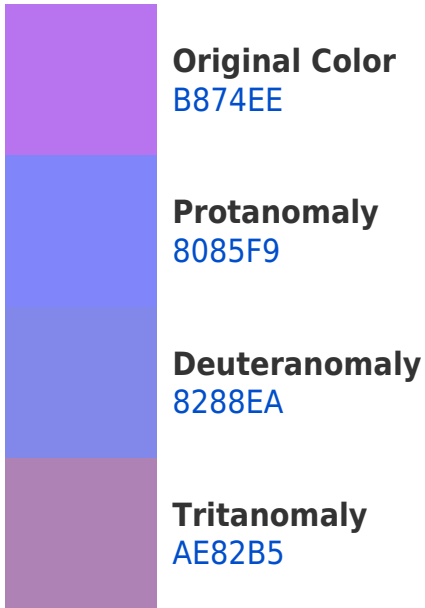
Dichromacy



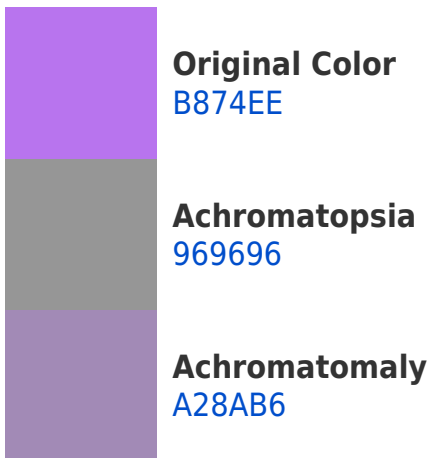


Tritanopia
A98A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B874EE 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 #B874EE looks like.

```
.text, #text, p{  
    color:#B874EE  
}
```

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 #B874EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B874EE
}
```

Border

The CSS property to change the border of an element to Hex B874EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

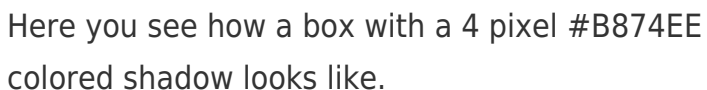
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B874EE }
```

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

```
.border{ border-color:#B874EE }
```

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



Here you see how a box with a 4 pixel #B874EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B874EE; -webkit-box-shadow:4px 4px  
4px 4px #B874EE; box-shadow:4px 4px 4px  
4px #B874EE }
```

Background

The CSS property to change the background color of an element to Hex B874EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B874EE }
```

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

```
.background{ background-color:#B874EE }
```

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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