

Converting Colors

Hex(B87EC9)

Have a look what the booklet for
Hex(B87EC9) contains.

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Color

Hex(B87EC9)

Conversions

Conversions Part 1

Format	Color
Hex	B87EC9
RGB	184, 126, 201
RGB Percent	72%, 49%, 79%
CMY	0.2784, 0.5059, 0.2118
CMYK	0.08, 0.37, 0.00, 0.21
HSL	286°, 41%, 64%
HSV	286°, 37%, 79%
XYZ	37.7706, 29.3291, 58.9287
YIQ	151.8920, 10.4930, 35.6210

Conversions

Conversions Part 2

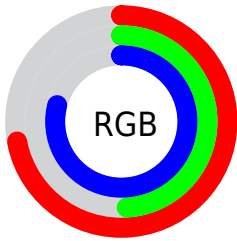
Format	Color
RYB	184, 126, 201
Decimal	12091081
CIELab	61.07, 35.40, -30.11
CIELCh	61, 46.469, 319.619
Yxy	29.3291, 0.2997, 0.2327
Android (android.graphics.Color)	4290281161 (0xFFB87EC9)
YUV	151.8920, 24.2102, 28.1587
Hunter-Lab	54.1563, 29.7189, -26.6053

Details

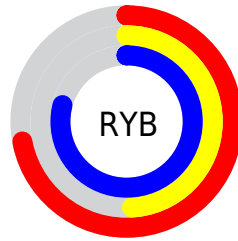
The Hex color **B87EC9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8FC97E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **F1B4FF**, and **824B93** is the 20% darker color. If you saturate the color by 10%, you get **B36AC9**, and if you desaturate by 10%, it is **BD92C9**.

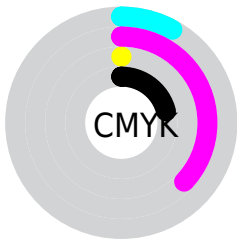
Distribution



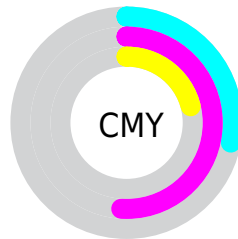
- Red (72%)
- Green (49%)
- Blue (79%)



- Red (72%)
- Yellow (49%)
- Blue (79%)



- Cyan (8%)
- Magenta (37%)
- Yellow (0%)
- Black (21%)



- Cyan (28%)
- Magenta (51%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color B87EC9 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 B87EC9 by changing the saturation by 10% instead.

 B87EC9

 B87EC9

FFFFFF

 9C64AD

 F1B4FF

 824B93

 FFCFFF

 683379

 FFECCF

 4E1B60

 360248

 220031

 00011B

 000000

 B87EC9

 B87EC9

 B36AC9

 BD92C9

 AF56C9

 C1A6C9

 AA42C9

 C6BAC9

 A62EC9

 CACEC9

 A11AC9

 CFE3C9

 9D05C9

 D3F7C9

 9B00C9

 D8FFC9

 DCFFC9

 E1FFC9

Harmonies

Analogous

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



7F8EE1



B87EC9



D872A3

Triad

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



B87EC9



B88C41



00A8AE

Complementary

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



B87EC9



8FC97E

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.



00A783



B87EC9



919943

Square

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



B87EC9



D47D56



61A25C



00A5D1

Rectangle

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



B87EC9



E07088



61A25C



00A8A0

Sweetspot

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



B87EC9



F9E3FF



7E90C9



7C6F80



000000



808080

Same Dimension

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



B87EC9



E58CFF



C97EB5



615A63



7E00A3



1C0024

Inverse Universe

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



C97E8F



FF8CA6



7EC992



635A5C



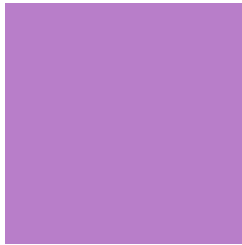
A30025



240008

Previews

White Background



This preview shows how the Hex color B87EC9 looks on a white background.

Color Contrast Check

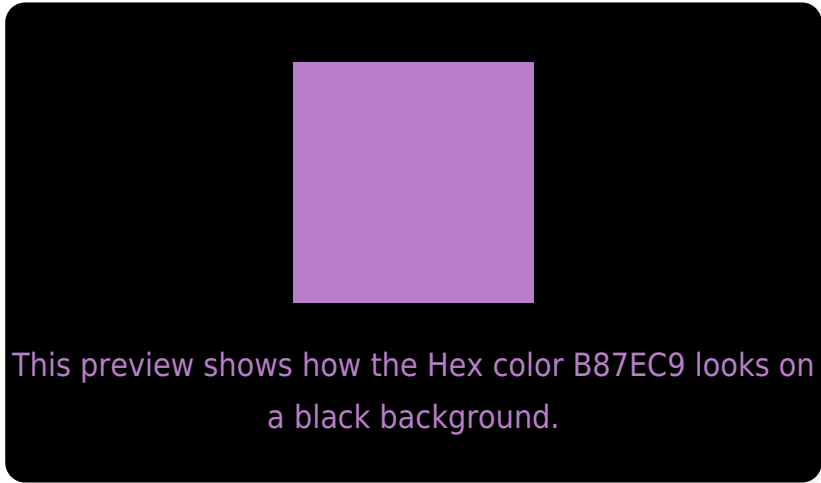
Large Text (above 18pt) WCAG AA ✓ Pass

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 B87EC9 Background



This preview shows how black text looks on a background with the Hex color B87EC9.

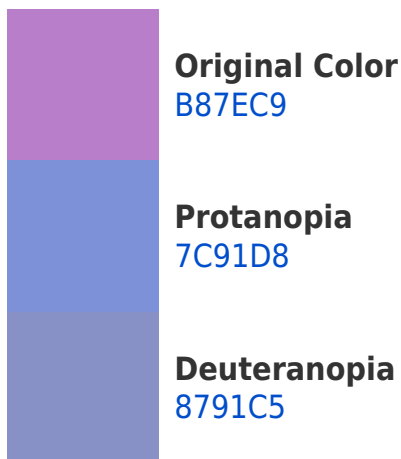


This preview shows how white text looks on a background with the Hex color B87EC9.

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](#).

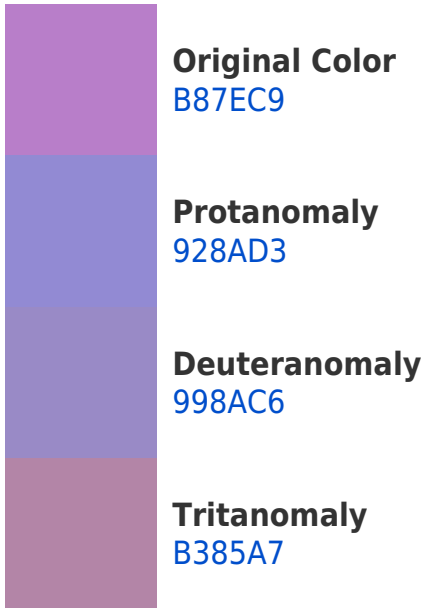
Dichromacy



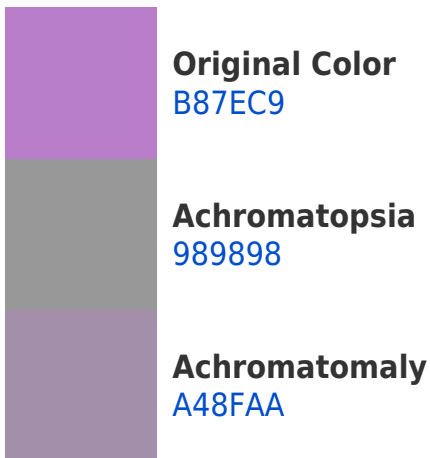


Tritanopia
B08994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B87EC9 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 #B87EC9 looks like.

```
.text, #text, p{  
    color:#B87EC9  
}
```

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 #B87EC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B87EC9
}
```

Border

The CSS property to change the border of an element to Hex B87EC9 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
#B87EC9 }
```

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

```
.border{ border-color:#B87EC9 }
```

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

Here you see how a box with a 4 pixel #B87EC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B87EC9; -webkit-box-shadow:4px 4px  
4px 4px #B87EC9; box-shadow:4px 4px 4px  
4px #B87EC9 }
```

Background

The CSS property to change the background color of an element to Hex B87EC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B87EC9 }
```

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

```
.background{ background-color:#B87EC9 }
```

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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