

Converting Colors

Hex(B887DB)

Have a look what the booklet for
Hex(B887DB) contains.

Hex(B887DB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B887DB)

Conversions

Conversions Part 1

Format	Color
Hex	B887DB
RGB	184, 135, 219
RGB Percent	72%, 53%, 86%
CMY	0.2784, 0.4706, 0.1412
CMYK	0.16, 0.38, 0.00, 0.14
HSL	275°, 54%, 69%
HSV	275°, 38%, 86%
XYZ	41.2173, 32.6328, 71.1442
YIQ	159.2270, 2.2400, 36.5120

Conversions

Conversions Part 2

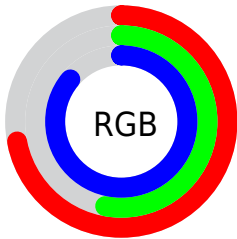
Format	Color
RYB	184, 135, 219
Decimal	12093403
CIELab	63.86, 34.22, -35.86
CIELCh	64, 49.566, 313.665
Yxy	32.6328, 0.2843, 0.2251
Android (android.graphics.Color)	4290283483 (0xFFB887DB)
YUV	159.2270, 29.4681, 21.7259
Hunter-Lab	57.1251, 28.8237, -33.8528

Details

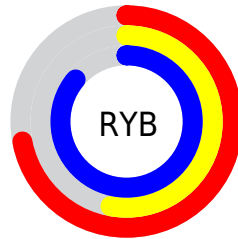
The Hex color **B887DB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **AADB87**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **F1BDFF**, and **8154A4** is the 20% darker color. If you saturate the color by 10%, you get **AF71DB**, and if you desaturate by 10%, it is **C19DDB**.

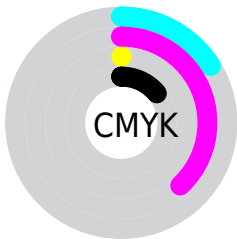
Distribution



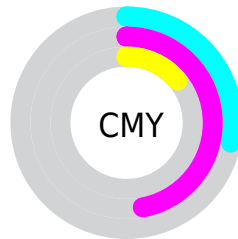
- Red (72%)
- Green (53%)
- Blue (86%)



- Red (72%)
- Yellow (53%)
- Blue (86%)



- Cyan (16%)
- Magenta (38%)
- Yellow (0%)
- Black (14%)



- Cyan (28%)
- Magenta (47%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color B887DB 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 B887DB by changing the saturation by 10% instead.


 B887DB

 B887DB

FFFFFF

 9C6DBF

 F1BDFF

 8154A4

 FFD9FF

 673C89

 FFF6FF

 4E256F

 350D57

 1D003F

 000028

 000112

 000000

 B887DB

 B887DB

 AF71DB

 C19DDB

 A65BDB

 CAB3DB

 9D45DB


 D3C9DB

 932FDB

 DCDFDB

 8A1ADB

 E6F4DB

 8104DB

 EFFFDB

 8000DB

 F8FFDB

 FFFFDB

Harmonies

Analogous

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



7498F1



B887DB



E078B5

Triad

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



B887DB



C99044



00B1AE

Complementary

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



B887DB



AADB87

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.



1EAF80



B887DB



A19F41

Square

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



B887DB



E47F60



70A958



00AED7

Rectangle

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



B887DB



EC7597



70A958



00B19F

Sweetspot

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



B887DB



F2E0FF



87AADB



786E80



000000



808080

Same Dimension

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



B887DB



CE8AFF



DB87D4



69636E



6500AD



1B002E

Inverse Universe

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



DB87AA



FF8ABB



87DB8E



6E6367



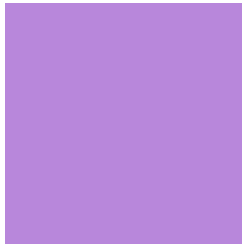
AD0048



2E0013

Previews

White Background



This preview shows how the Hex color B887DB looks on a white background.

Color Contrast Check

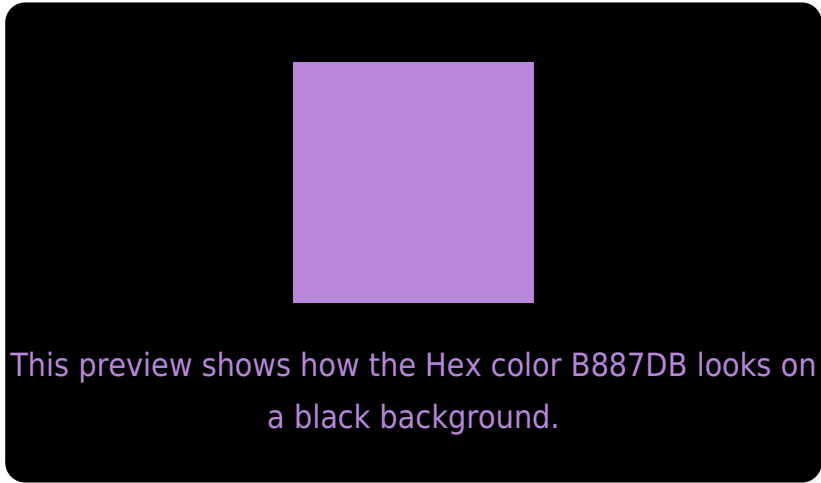
Large Text (above 18pt) WCAG AA × Fail

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

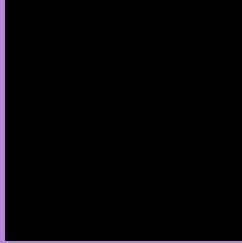
Any Text WCAG AA ✓ Pass

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 B887DB Background



This preview shows how black text looks on a background with the Hex color B887DB.

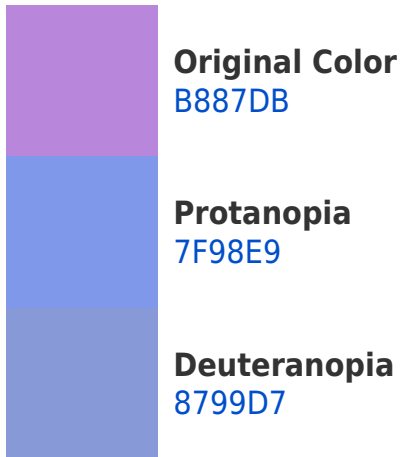


This preview shows how white text looks on a background with the Hex color B887DB.

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
AE949F

Trichromacy



Original Color
B887DB



Protanomaly
9492E4



Deuteranomaly
9992D8



Tritanomaly
B28FB5

Monochromacy



Original Color
B887DB



Achromatopsia
9F9F9F



Achromatomaly
A896B5

CSS Examples

Text

The CSS property to change the color of the text to Hex B887DB 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 #B887DB looks like.

```
.text, #text, p{  
    color:#B887DB  
}
```

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 #B887DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B887DB  
}
```

Border

The CSS property to change the border of an element to Hex B887DB 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  
#B887DB }
```

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

```
.border{ border-color:#B887DB }
```

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

Here you see how a box with a 4 pixel #B887DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B887DB; -webkit-box-shadow:4px 4px  
4px 4px #B887DB; box-shadow:4px 4px 4px  
4px #B887DB }
```

Background

The CSS property to change the background color of an element to Hex B887DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B887DB }
```

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

```
.background{ background-color:#B887DB }
```

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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