

Converting Colors

Hex(B87DE1)

Have a look what the booklet for
Hex(B87DE1) contains.

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Color

Hex(**B87DE1**)

Conversions

Conversions Part 1

Format	Color
Hex	B87DE1
RGB	184, 125, 225
RGB Percent	72%, 49%, 88%
CMY	0.2784, 0.5098, 0.1176
CMYK	0.18, 0.44, 0.00, 0.12
HSL	275°, 62%, 69%
HSV	275°, 44%, 88%
XYZ	40.6914, 30.2938, 74.9368
YIQ	154.0410, 3.0640, 43.6080

Conversions

Conversions Part 2

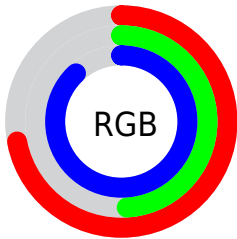
Format	Color
RYB	184, 125, 225
Decimal	12090849
CIELab	61.91, 41.04, -42.26
CIELCh	62, 58.903, 314.159
Yxy	30.2938, 0.2789, 0.2076
Android (android.graphics.Color)	4290280929 (0xFFB87DE1)
YUV	154.0410, 34.9828, 26.2740
Hunter-Lab	55.0398, 35.6468, -42.1955

Details

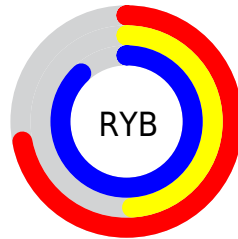
The Hex color **B87DE1** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A6E17D**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **F2B3FF**, and **814AA9** is the 20% darker color. If you saturate the color by 10%, you get **AF66E1**, and if you desaturate by 10%, it is **C193E1**.

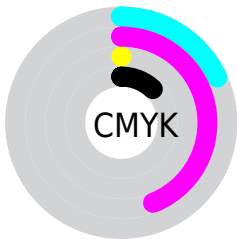
Distribution



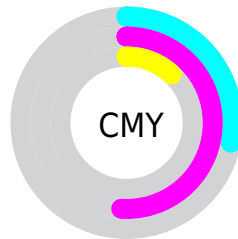
- Red (72%)
- Green (49%)
- Blue (88%)



- Red (72%)
- Yellow (49%)
- Blue (88%)



- Cyan (18%)
- Magenta (44%)
- Yellow (0%)
- Black (12%)



- Cyan (28%)
- Magenta (51%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color B87DE1 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 B87DE1 by changing the saturation by 10% instead.

 B87DE1

 B87DE1

FFFFFF

 9C63C5

 F2B3FF

 814AA9

 FFCFFF

 66328E

 FFE8FF

 4C1974

 32005B

 1B0043

 00002C

 000116

 000000

 B87DE1

 B87DE1

 AF66E1

 C193E1

 A650E1

 CAAAE1

 9C39E1

 D4C1E1

 9323E1

 DDD7E1

 8A0CE1

 E6EEE1

 8500E1

 EFFF E1

 F9FFE1

 FFFFE1

Harmonies

Analogous

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



6093FB



B87DE1



E669B3

Triad

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



B87DE1



C8892B



00AFAE

Complementary

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



B87DE1



A6E17D

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.



00AD77



B87DE1



9A9B25

Square

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



B87DE1



E8744F



5EA746



00ACDD

Rectangle

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



B87DE1



F36490



5EA746



00AF9C

Sweetspot

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



B87DE1



F1DEFF



7DA7E1



776B80



000000



808080

Same Dimension

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



B87DE1



C878FF



E17DD9



6C6570



6800B0



1D0030

Inverse Universe

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



E17DA6



FF78AF



7DE185



70656A



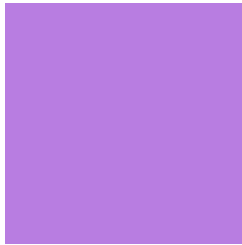
B00048



300014

Previews

White Background



This preview shows how the Hex color B87DE1 looks on a white background.

Color Contrast Check

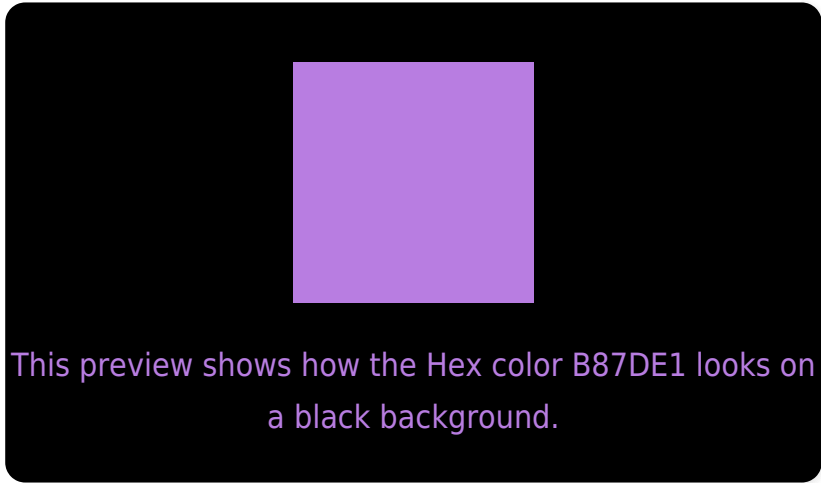
Large Text (above 18pt) WCAG AA × Fail

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

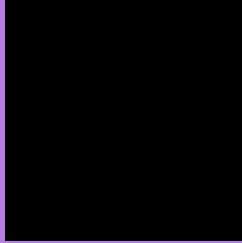
Any Text WCAG AA ✓ Pass

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 B87DE1 Background



This preview shows how black text looks on a background with the Hex color B87DE1.

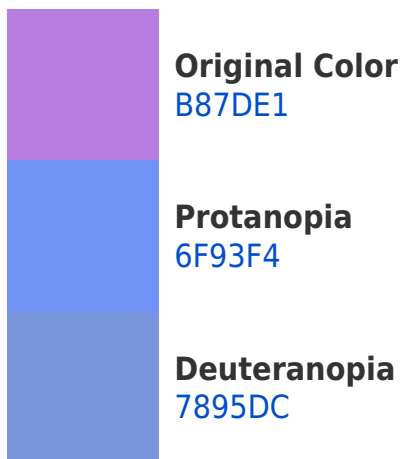


This preview shows how white text looks on a background with the Hex color B87DE1.

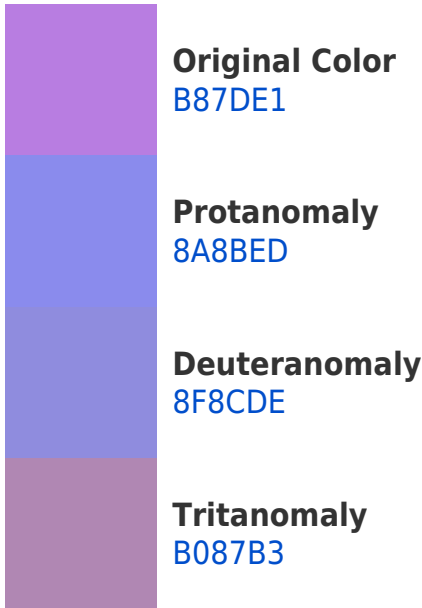
Color Blindness Simulation

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](#).

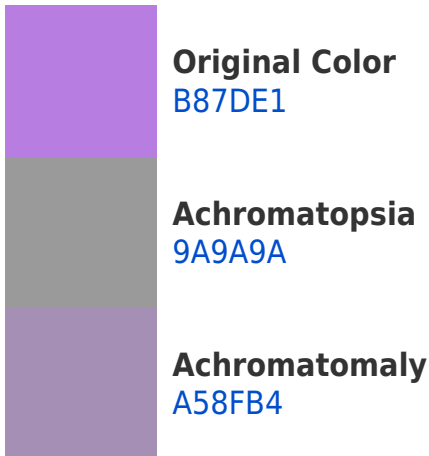
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B87DE1 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 #B87DE1 looks like.

```
.text, #text, p{  
    color:#B87DE1  
}
```

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 #B87DE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B87DE1
}
```

Border

The CSS property to change the border of an element to Hex B87DE1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

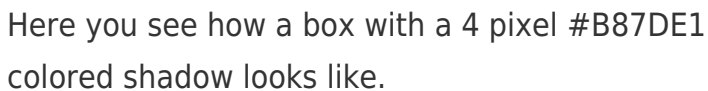
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B87DE1 }
```

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

```
.border{ border-color:#B87DE1 }
```

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



Here you see how a box with a 4 pixel #B87DE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B87DE1; -webkit-box-shadow:4px 4px  
4px 4px #B87DE1; box-shadow:4px 4px 4px  
4px #B87DE1 }
```

Background

The CSS property to change the background color of an element to Hex B87DE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B87DE1 }
```

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

```
.background{ background-color:#B87DE1 }
```

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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