

Converting Colors

Hex(B87DBF)

Have a look what the booklet for
Hex(B87DBF) contains.

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Color

Hex(B87DBF)

Conversions

Conversions Part 1

Format	Color
Hex	B87DBF
RGB	184, 125, 191
RGB Percent	72%, 49%, 75%
CMY	0.2784, 0.5098, 0.2510
CMYK	0.04, 0.35, 0.00, 0.25
HSL	294°, 34%, 62%
HSV	294°, 35%, 75%
XYZ	36.5048, 28.6192, 52.8903
YIQ	150.1650, 13.9780, 33.0340

Conversions

Conversions Part 2

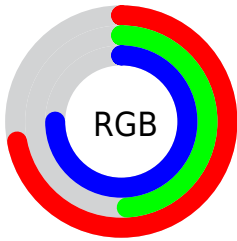
Format	Color
RYB	184, 125, 191
Decimal	12090815
CIELab	60.44, 33.95, -25.42
CIELCh	60, 42.408, 323.175
Yxy	28.6192, 0.3093, 0.2425
Android (android.graphics.Color)	4290280895 (0xFFB87DBF)
YUV	150.1650, 20.1317, 29.6733
Hunter-Lab	53.4969, 28.1838, -21.1699

Details

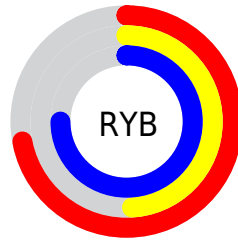
The Hex color **B87DBF** is a light color, and the websafe version is hex **996699**. A complement of this color would be **84BF7D**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **F1B3F8**, and **824B89** is the 20% darker color. If you saturate the color by 10%, you get **B66ABF**, and if you desaturate by 10%, it is **BA90BF**.

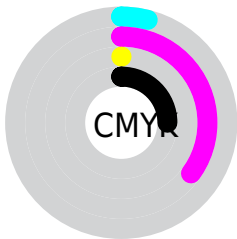
Distribution



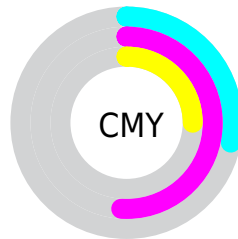
- Red (72%)
- Green (49%)
- Blue (75%)



- Red (72%)
- Yellow (49%)
- Blue (75%)



- Cyan (4%)
- Magenta (35%)
- Yellow (0%)
- Black (25%)



- Cyan (28%)
- Magenta (51%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color B87DBF 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 B87DBF by changing the saturation by 10% instead.

 B87DBF

 B87DBF

FFFFFF

 9D63A4

 F1B3F8

 824B89

 FFCEFF

 683270

 FFE8FF

 4F1B57

 36013F

 23002A

 000113

 000000

 B87DBF

 B87DBF

 B66ABF

 BA90BF

 B457BF

 BCA3BF

 B244BF

 BEB6BF

 B031BF

 C0C9BF

 AE1DBF

 C2DCBF

 AC0ABF

 C4F0BF

 AB00BF

 C6FFBF

 C8FFBF

 CAFFBF

Harmonies

Analogous

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



888BD6



B87DBF



D3749C

Triad

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



B87DBF



B08D46



00A5AE

Complementary

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



B87DBF



84BF7D

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.



13A488



B87DBF



8B984B

Square

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



B87DBF



CB7F57



5FA063



00A1CD

Rectangle

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



B87DBF



D97383



5FA063



00A5A2

Sweetspot

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



B87DBF



F5DFF7



7D85BF



7B6E7D



FCFCFC



7D7D7D

Same Dimension

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



B87DBF



ED92F7



BF7DA6



5D555E



8D009E



1B001F

Inverse Universe

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



BF7D84



F7929D



7DBF96



5E5556



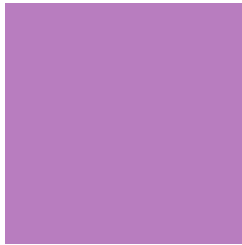
9E0011



1F0003

Previews

White Background



This preview shows how the Hex color B87DBF looks on a white background.

Color Contrast Check

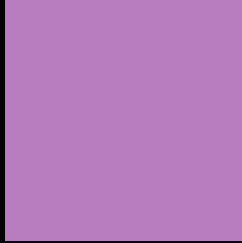
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B87DBF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

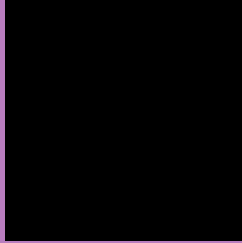
Any Text WCAG AA ✓ Pass

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 B87DBF Background



This preview shows how black text looks on a background with the Hex color B87DBF.

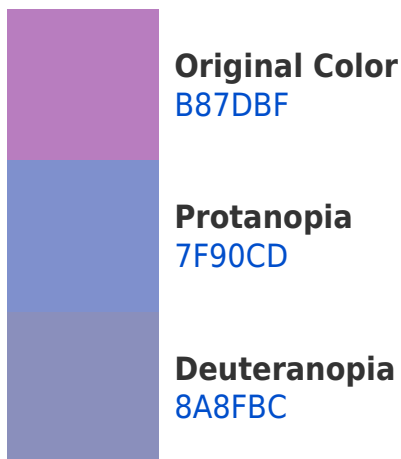



This preview shows how white text looks on a background with the Hex color B87DBF.

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](#).

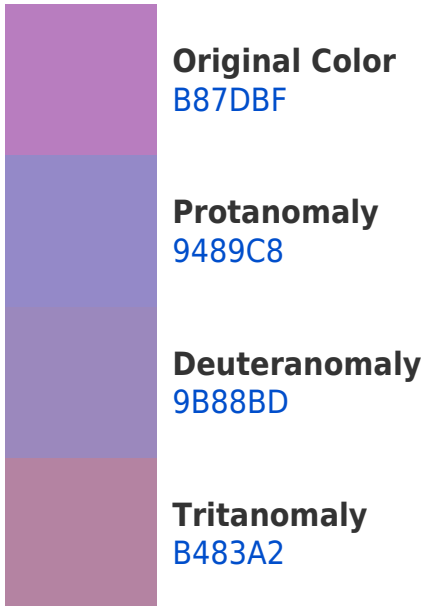
Dichromacy



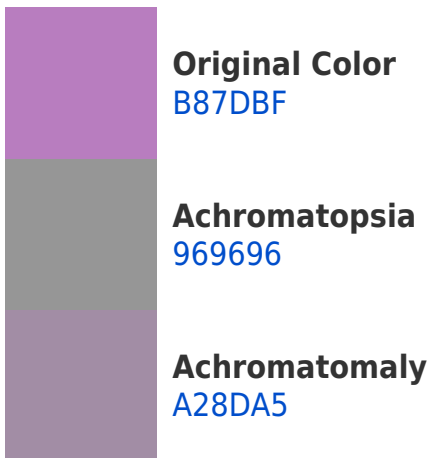


Tritanopia
B28691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B87DBF 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 #B87DBF looks like.

```
.text, #text, p{  
    color:#B87DBF  
}
```

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 #B87DBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B87DBF
}
```

Border

The CSS property to change the border of an element to Hex B87DBF is called "border". The border property can be set on classes, ids or directly on the HTML element.

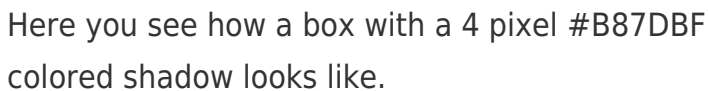
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B87DBF }
```

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

```
.border{ border-color:#B87DBF }
```

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



Here you see how a box with a 4 pixel #B87DBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B87DBF; -webkit-box-shadow:4px 4px  
4px 4px #B87DBF; box-shadow:4px 4px 4px  
4px #B87DBF }
```

Background

The CSS property to change the background color of an element to Hex B87DBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B87DBF }
```

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

```
.background{ background-color:#B87DBF }
```

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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