

Converting Colors

Hex(B87AB5)

Have a look what the booklet for
Hex(B87AB5) contains.

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Color

Hex(**B87AB5**)

Conversions

Conversions Part 1

Format	Color
Hex	B87AB5
RGB	184, 122, 181
RGB Percent	72%, 48%, 71%
CMY	0.2784, 0.5216, 0.2902
CMYK	0.00, 0.34, 0.02, 0.28
HSL	303°, 30%, 60%
HSV	303°, 34%, 72%
XYZ	35.0672, 27.4456, 47.1654
YIQ	147.2640, 18.0130, 31.4930

Conversions

Conversions Part 2

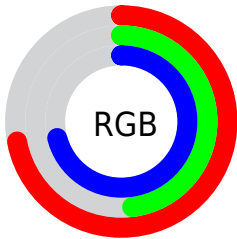
Format	Color
RYB	184, 122, 181
Decimal	12090037
CIELab	59.38, 33.68, -21.35
CIElCh	59, 39.877, 327.623
Yxy	27.4456, 0.3197, 0.2502
Android (android.graphics.Color)	4290280117 (0xFFB87AB5)
YUV	147.2640, 16.6318, 32.2175
Hunter-Lab	52.3886, 27.8021, -16.7067

Details

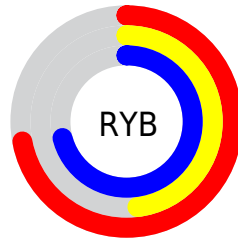
The Hex color **B87AB5** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7AB87D**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **F1AFED**, and **824880** is the 20% darker color. If you saturate the color by 10%, you get **B868B4**, and if you desaturate by 10%, it is **B88CB6**.

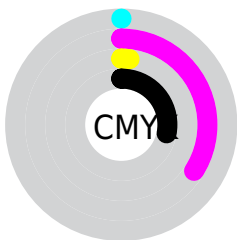
Distribution



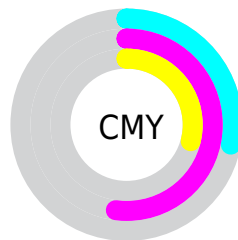
- Red (72%)
- Green (48%)
- Blue (71%)



- Red (72%)
- Yellow (48%)
- Blue (71%)



- Cyan (0%)
- Magenta (34%)
- Yellow (2%)
- Black (28%)



- Cyan (28%)
- Magenta (52%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color B87AB5 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 B87AB5 by changing the saturation by 10% instead.

 B87AB5

 B87AB5

FFFFFF

 9D609A

 F1AFED

 824880

 FFCBFF

 683067

 FFE8FF

 4F174F

 360037

 230022

 000007

 000000

 B87AB5

 B87AB5

 B868B4

 B88CB6

 B855B3

 B89FB7

 B843B2

 B8B1B8

 B830B1

 B8C4B9

 B81EB1

 B8D6B9

 B80CB0

 B8E8BA

 B800AF

 B8FBBB

 B8FFBC

 B8FFBD

Harmonies

Analogous

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



8E87CD



B87AB5



CE7393

Triad

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



B87AB5



A78C48



00A1AE

Complementary

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



B87AB5



7AB87D

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.



11A18B



B87AB5



84974F

Square

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



B87AB5



C27F55



599E68



009CC9

Rectangle

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



B87AB5



D2737C



599E68



00A1A3

Sweetspot

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



B87AB5



F0D8EF



7C7AB8



786977



F7F7F7



787878

Same Dimension

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



B87AB5



F090EB



B87A97



5C535B



9C0094



1C001B

Inverse Universe

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



B87AB5



F090EB



7AB89B



5C535B



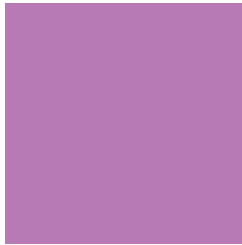
9C0094



1C001B

Previews

White Background



This preview shows how the Hex color B87AB5 looks on a white background.

Color Contrast Check

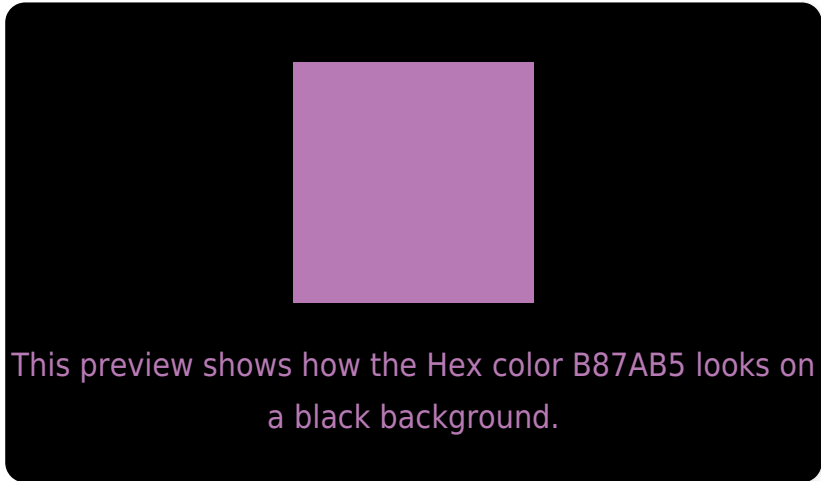
Large Text (above 18pt) WCAG AA ✓ Pass

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

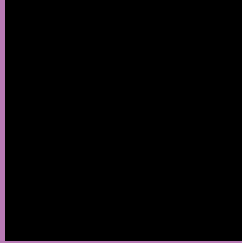
Any Text WCAG AA ✓ Pass

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 B87AB5 Background



This preview shows how black text looks on a background with the Hex color B87AB5.

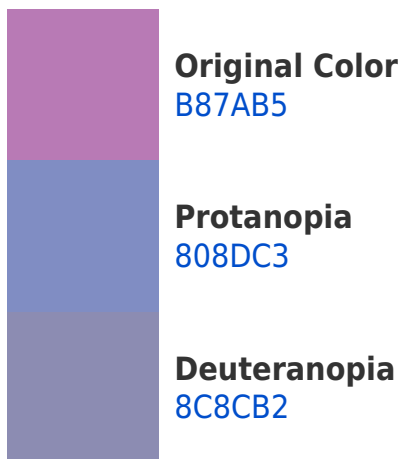


This preview shows how white text looks on a background with the Hex color B87AB5.

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
B3828C

Trichromacy



Original Color
B87AB5



Protanomaly
9486BE



Deuteranomaly
9C85B3

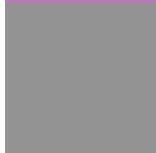


Tritanomaly
B57F9B

Monochromacy



Original Color
B87AB5



Achromatopsia
939393



Achromatomaly
A08A9F

CSS Examples

Text

The CSS property to change the color of the text to Hex B87AB5 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 #B87AB5 looks like.

```
.text, #text, p{  
    color:#B87AB5  
}
```

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 #B87AB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B87AB5
}
```

Border

The CSS property to change the border of an element to Hex B87AB5 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
#B87AB5 }
```

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

```
.border{ border-color:#B87AB5 }
```

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

Here you see how a box with a 4 pixel #B87AB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B87AB5; -webkit-box-shadow:4px 4px  
4px 4px #B87AB5; box-shadow:4px 4px 4px  
4px #B87AB5 }
```

Background

The CSS property to change the background color of an element to Hex B87AB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B87AB5 }
```

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

```
.background{ background-color:#B87AB5 }
```

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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