

Converting Colors

Hex(BA87CA)

Have a look what the booklet for
Hex(BA87CA) contains.

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Color

Hex(BA87CA)

Conversions

Conversions Part 1

Format	Color
Hex	BA87CA
RGB	186, 135, 202
RGB Percent	73%, 53%, 79%
CMY	0.2706, 0.4706, 0.2078
CMYK	0.08, 0.33, 0.00, 0.21
HSL	286°, 39%, 66%
HSV	286°, 33%, 79%
XYZ	39.5743, 32.0313, 59.9740
YIQ	157.8870, 8.8890, 31.6490

Conversions

Conversions Part 2

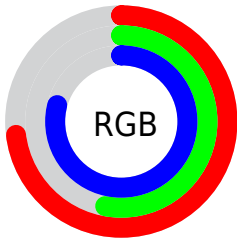
Format	Color
RYB	186, 135, 202
Decimal	12224458
CIELab	63.37, 31.25, -27.10
CIELCh	63, 41.368, 319.069
Yxy	32.0313, 0.3008, 0.2434
Android (android.graphics.Color)	4290414538 (0xFFBA87CA)
YUV	157.8870, 21.7477, 24.6551
Hunter-Lab	56.5962, 25.7710, -23.2112

Details

The Hex color **BA87CA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **97CA87**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **F3BDFF**, and **845494** is the 20% darker color. If you saturate the color by 10%, you get **B573CA**, and if you desaturate by 10%, it is **BF9BCA**.

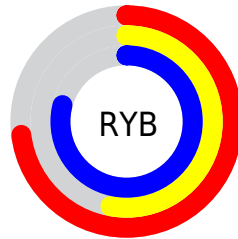
Distribution



Red (73%)

Green (53%)

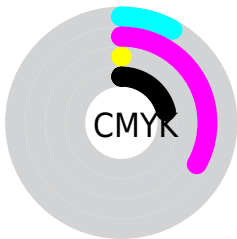
Blue (79%)



Red (73%)

Yellow (53%)

Blue (79%)

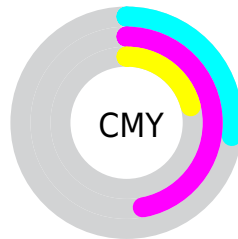


Cyan (8%)

Magenta (33%)

Yellow (0%)

Black (21%)



Cyan (27%)

Magenta (47%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color BA87CA 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 BA87CA by changing the saturation by 10% instead.

 BA87CA

 BA87CA

FFFFFF

 9F6DAE

 F3BDFE

 845494

 FFD9FF

 6A3C7A

 FFF6FF

 512561

 380D49

 230032

 00001C

 000000

 BA87CA

 BA87CA

 B573CA

 BF9BCA

 B05FCA

 C4AFCA

 AC4ACA

 C8C4CA

 A736CA

 CDD8CA

 A222CA

 D2ECCA

 9D0ECA

 D7FFCA

 9A00CA

 DCFFCA

 E1FFCA

 E5FFCA

Harmonies

Analogous

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



8895DF



BA87CA



D87DA8

Triad

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



BA87CA



BC9350



00ACB0

Complementary

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



BA87CA



97CA87

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.



36AC8A



BA87CA



999F52

Square

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



BA87CA



D58663



6FA768



00A9D0

Rectangle

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



BA87CA



DF7B90



6FA768



00ADA4

Sweetspot

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



BA87CA



F9E6FF



8798CA



7C7080



000000



808080

Same Dimension

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



BA87CA



E799FF



CA87B9



645C66



7E00A6



1D0026

Inverse Universe

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



CA8797



FF99B1



87CA98



665C5E



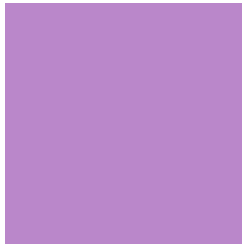
A60028



260009

Previews

White Background



This preview shows how the Hex color BA87CA looks on a white background.

Color Contrast Check

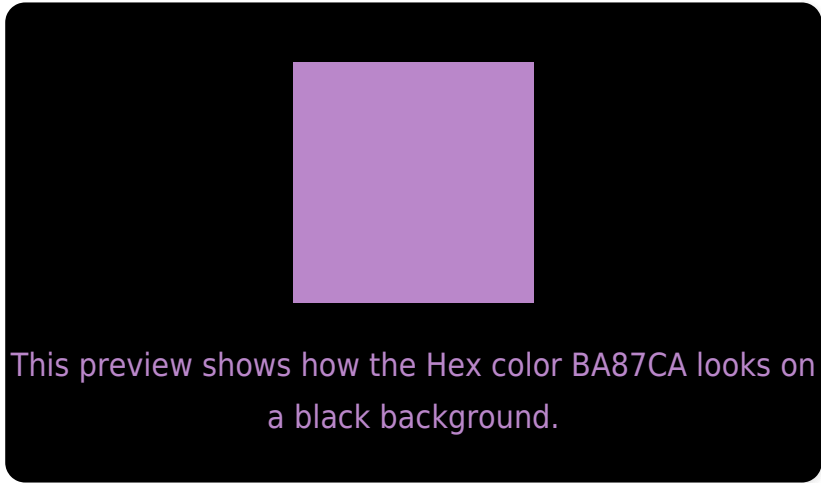
Large Text (above 18pt) WCAG AA × Fail

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

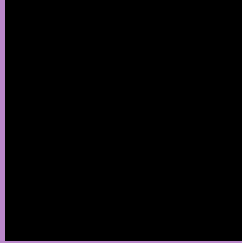
Any Text WCAG AA ✓ Pass

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 BA87CA Background



This preview shows how black text looks on a background with the Hex color BA87CA.

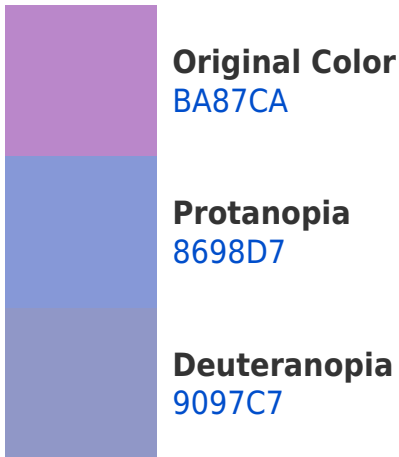


This preview shows how white text looks on a background with the Hex color BA87CA.

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](#).

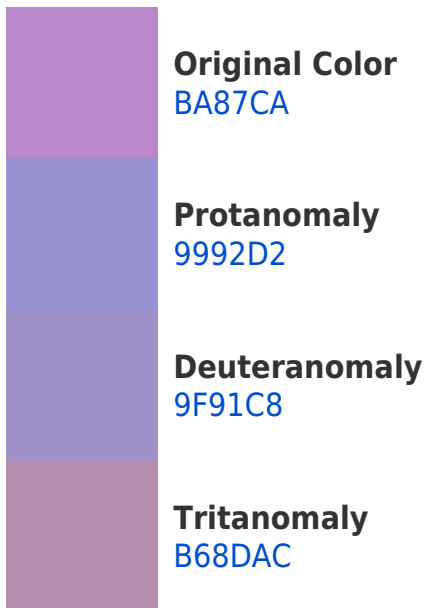
Dichromacy



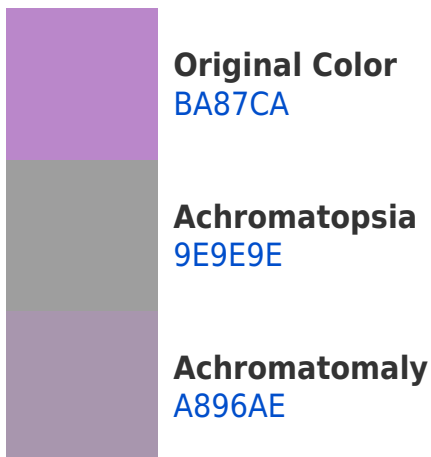


Tritanopia
B3909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BA87CA 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 #BA87CA looks like.

```
.text, #text, p{  
  color:#BA87CA  
}
```

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 #BA87CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA87CA
}
```

Border

The CSS property to change the border of an element to Hex BA87CA is called "border". The border property can be set on classes, ids or directly on the HTML element.

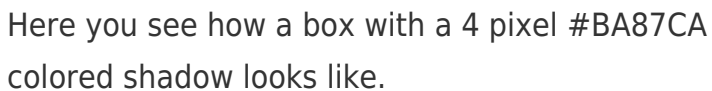
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA87CA }
```

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

```
.border{ border-color:#BA87CA }
```

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



Here you see how a box with a 4 pixel #BA87CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA87CA; -webkit-box-shadow:4px 4px  
4px 4px #BA87CA; box-shadow:4px 4px 4px  
4px #BA87CA }
```

Background

The CSS property to change the background color of an element to Hex BA87CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA87CA }
```

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

```
.background{ background-color:#BA87CA }
```

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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