

Converting Colors

Hex(B871A7)

Have a look what the booklet for
Hex(B871A7) contains.

Hex(B871A7)	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(B871A7)

Conversions

Conversions Part 1

Format	Color
Hex	B871A7
RGB	184, 113, 167
RGB Percent	72%, 44%, 65%
CMY	0.2784, 0.5569, 0.3451
CMYK	0.00, 0.39, 0.09, 0.28
HSL	314°, 33%, 58%
HSV	314°, 39%, 72%
XYZ	32.6473, 24.7906, 39.6236
YIQ	140.3850, 24.9820, 31.8460

Conversions

Conversions Part 2

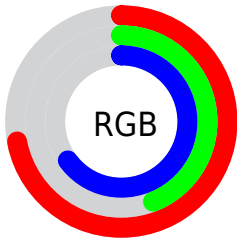
Format	Color
RYB	184, 113, 167
Decimal	12087719
CIELab	56.87, 36.07, -17.15
CIELCh	57, 39.937, 334.569
Yxy	24.7906, 0.3364, 0.2554
Android (android.graphics.Color)	4290277799 (0xFFB871A7)
YUV	140.3850, 13.1212, 38.2504
Hunter-Lab	49.7902, 29.9093, -12.3305

Details

The Hex color **B871A7** is a light color, and the websafe version is hex **996699**. A complement of this color would be **71B882**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **F1A6DE**, and **823F73** is the 20% darker color. If you saturate the color by 10%, you get **B85FA3**, and if you desaturate by 10%, it is **B883AB**.

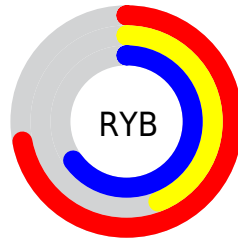
Distribution



Red (72%)

Green (44%)

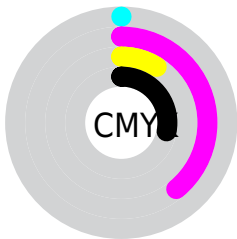
Blue (65%)



Red (72%)

Yellow (44%)

Blue (65%)

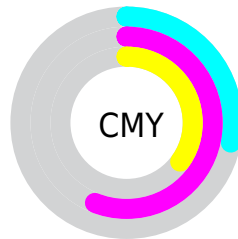


Cyan (0%)

Magenta (39%)

Yellow (9%)

Black (28%)



Cyan (28%)

Magenta (56%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B871A7 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 B871A7 by changing the saturation by 10% instead.

 B871A7

 B871A7

FFFFFF

 9C588D

 F1A6DE

 823F73

 FFC2FB

 67265A

 FFDEFF

 4E0C43

 FFFBFF

 35002C

 1F0018

 000000

 B871A7

 B871A7

 B85FA3

 B883AB

 B84C9E

 B896B0

 B83A9A

 B8A8B4

 B82795

 B8BBB9

 B81591

 B8CDBD

 B8038D

 B8DFC1

 B8008C

 B8F2C6

 B8FFCA

 B8FFCF

Harmonies

Analogous

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



937DC2



B871A7



C96C84

Triad

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



B871A7



998841



0099AF

Complementary

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



B871A7



71B882

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.



009A8D



B871A7



74924D

Square

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



B871A7



B67C4A



469869



0094C7

Rectangle

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



B871A7



CA6E6D



469869



009AA4

Sweetspot

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



B871A7



F0D3E9



8271B8



786774



F7F7F7



787878

Same Dimension

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



B871A7



F081D5



B87184



5C535A



9C0076



1C0015

Inverse Universe

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



B871A7



F081D5



71B8A5



5C535A



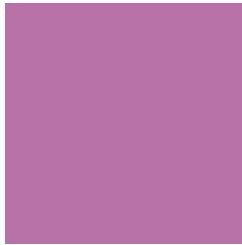
9C0076



1C0015

Previews

White Background



This preview shows how the Hex color B871A7 looks on a white background.

Color Contrast Check

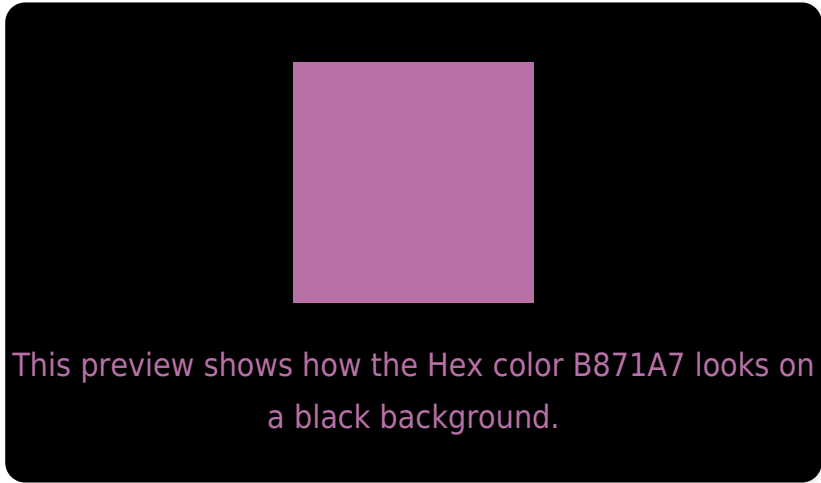
Large Text (above 18pt) WCAG AA ✓ Pass

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

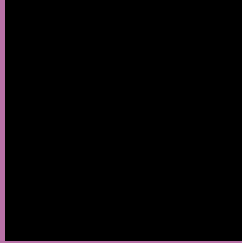
Any Text WCAG AA ✓ Pass

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 B871A7 Background



This preview shows how black text looks on a background with the Hex color B871A7.

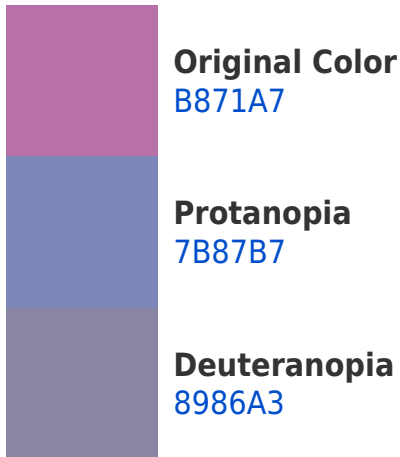


This preview shows how white text looks on a background with the Hex color B871A7.

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
B47882

Trichromacy



Original Color
B871A7



Protanomaly
917FB1



Deuteranomaly
9A7EA4

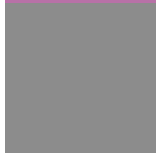


Tritanomaly
B5758F

Monochromacy



Original Color
B871A7



Achromatopsia
8C8C8C



Achromatomaly
9C8296

CSS Examples

Text

The CSS property to change the color of the text to Hex B871A7 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 #B871A7 looks like.

```
.text, #text, p{  
  color:#B871A7  
}
```

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 #B871A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B871A7
}
```

Border

The CSS property to change the border of an element to Hex B871A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

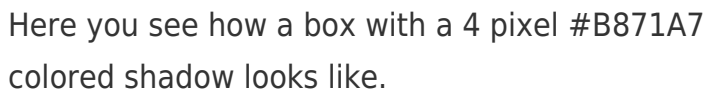
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B871A7 }
```

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

```
.border{ border-color:#B871A7 }
```

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



Here you see how a box with a 4 pixel #B871A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B871A7; -webkit-box-shadow:4px 4px  
4px 4px #B871A7; box-shadow:4px 4px 4px  
4px #B871A7 }
```

Background

The CSS property to change the background color of an element to Hex B871A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B871A7 }
```

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

```
.background{ background-color:#B871A7 }
```

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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