

Converting Colors

Hex(B784A7)

Have a look what the booklet for
Hex(B784A7) contains.

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Color

Hex(B784A7)

Conversions

Conversions Part 1

Format	Color
Hex	B784A7
RGB	183, 132, 167
RGB Percent	72%, 52%, 65%
CMY	0.2824, 0.4824, 0.3451
CMYK	0.00, 0.28, 0.09, 0.28
HSL	319°, 26%, 62%
HSV	319°, 28%, 72%
XYZ	34.7548, 29.3598, 40.3945
YIQ	151.2390, 19.1610, 21.6970

Conversions

Conversions Part 2

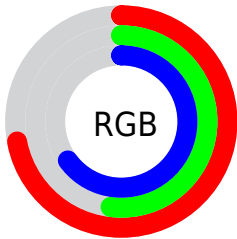
Format	Color
RYB	183, 132, 167
Decimal	12027047
CIELab	61.10, 25.22, -10.78
CIElCh	61, 27.432, 336.857
Yxy	29.3598, 0.3326, 0.2809
Android (android.graphics.Color)	4290217127 (0xFFB784A7)
YUV	151.2390, 7.7702, 27.8544
Hunter-Lab	54.1847, 19.6689, -6.2711

Details

The Hex color **B784A7** is a light color, and the websafe version is hex **CC99CC**, and the color name is **opera mauve**. A complement of this color would be **84B794**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **F0BADE**, and **815273** is the 20% darker color. If you saturate the color by 10%, you get **B772A1**, and if you desaturate by 10%, it is **B796AD**.

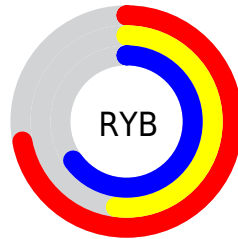
Distribution



Red (72%)

Green (52%)

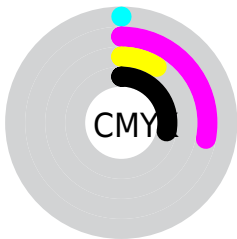
Blue (65%)



Red (72%)

Yellow (52%)

Blue (65%)

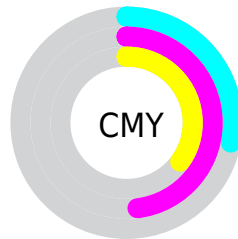


Cyan (0%)

Magenta (28%)

Yellow (9%)

Black (28%)



Cyan (28%)

Magenta (48%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B784A7 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 B784A7 by changing the saturation by 10% instead.



B784A7



B784A7

FFFFFF



9C6A8D



F0BADE



815273



FFD5FB



683A5A



FFF2FF



4F2343



370D2D



240019



000000



B784A7



B784A7



B772A1



B796AD

 B75F9C

 B7A9B2

 B74D96

 B7BBB8

 B73B90

 B7CDBE

 B7298A

 B7E0C4

 B71685

 B7F2C9

 B7047F

 B7FFCF

 B7007E

 B7FFD5

 B7FFDB

Harmonies

Analogous

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



9E8BBA



B784A7



C3818F

Triad

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



B784A7



9F9463



45A0B0

Complementary

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



B784A7



84B794

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.



4EA198



B784A7



849B6C

Square

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



B784A7



B48C67



689F80



599BBF

Rectangle

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



B784A7



C4837F



689F80



45A0A8

Sweetspot

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



B784A7



EDDAE7



9384B7



786C74



F7F7F7



787878

Same Dimension

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



B784A7



ED9FD5



B7848E



5C5359



9C006B



1C0013

Inverse Universe

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



B784A7



ED9FD5



84B7AD



5C5359



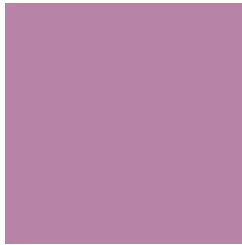
9C006B



1C0013

Previews

White Background



This preview shows how the Hex color B784A7 looks on a white background.

Color Contrast Check

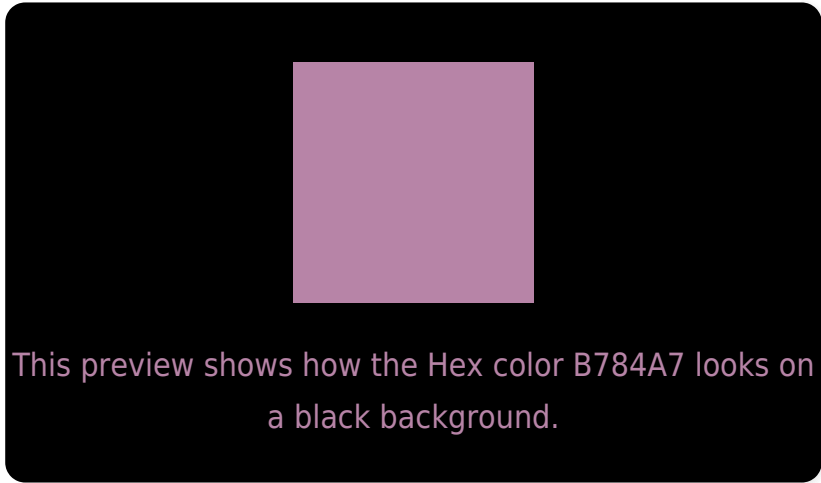
Large Text (above 18pt) WCAG AA ✓ Pass

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

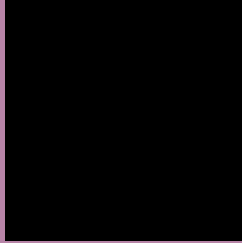
Any Text WCAG AA ✓ Pass

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 B784A7 Background



This preview shows how black text looks on a background with the Hex color B784A7.

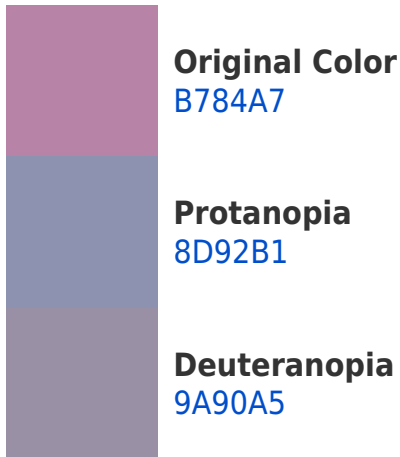


This preview shows how white text looks on a background with the Hex color B784A7.

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
B48892

Trichromacy



Original Color
B784A7

Protanomaly
9C8DAD

Deuteranomaly
A58CA6

Tritanomaly
B5879A

Monochromacy



Original Color
B784A7

Achromatopsia
979797

Achromatomaly
A3909D

CSS Examples

Text

The CSS property to change the color of the text to Hex B784A7 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 #B784A7 looks like.

```
.text, #text, p{  
    color:#B784A7  
}
```

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 #B784A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B784A7
}
```

Border

The CSS property to change the border of an element to Hex B784A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

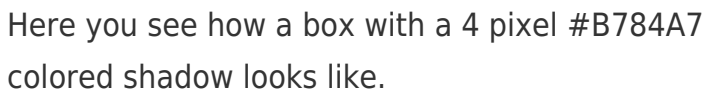
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B784A7 }
```

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

```
.border{ border-color:#B784A7 }
```

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



Here you see how a box with a 4 pixel #B784A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B784A7; -webkit-box-shadow:4px 4px  
4px 4px #B784A7; box-shadow:4px 4px 4px  
4px #B784A7 }
```

Background

The CSS property to change the background color of an element to Hex B784A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B784A7 }
```

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

```
.background{ background-color:#B784A7 }
```

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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