

Converting Colors

Hex(BB77AC)

Have a look what the booklet for
Hex(BB77AC) contains.

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Color

Hex(BB77AC)

Conversions

Conversions Part 1

Format	Color
Hex	BB77AC
RGB	187, 119, 172
RGB Percent	73%, 47%, 67%
CMY	0.2667, 0.5333, 0.3255
CMYK	0.00, 0.36, 0.08, 0.27
HSL	313°, 33%, 60%
HSV	313°, 36%, 73%
XYZ	34.5367, 26.7370, 42.3702
YIQ	145.3740, 23.5150, 30.8990

Conversions

Conversions Part 2

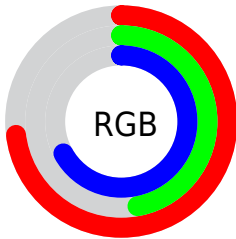
Format	Color
RYB	187, 119, 172
Decimal	12285868
CIELab	58.73, 34.68, -17.17
CIElCh	59, 38.699, 333.661
Yxy	26.7370, 0.3332, 0.2580
Android (android.graphics.Color)	4290475948 (0xFFBB77AC)
YUV	145.3740, 13.1266, 36.5060
Hunter-Lab	51.7078, 28.7351, -12.3877

Details

The Hex color **BB77AC** is a light color, and the websafe version is hex **996699**. A complement of this color would be **77BB86**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **F4ACE3**, and **844578** is the 20% darker color. If you saturate the color by 10%, you get **BB64A8**, and if you desaturate by 10%, it is **BB8AB0**.

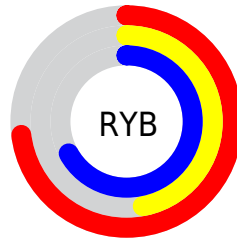
Distribution



Red (73%)

Green (47%)

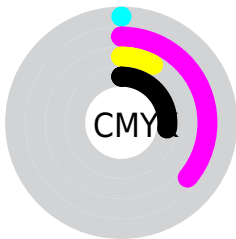
Blue (67%)



Red (73%)

Yellow (47%)

Blue (67%)

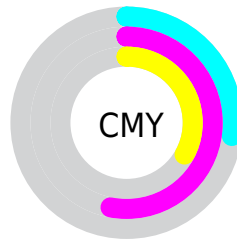


Cyan (0%)

Magenta (36%)

Yellow (8%)

Black (27%)



Cyan (27%)

Magenta (53%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB77AC 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 BB77AC by changing the saturation by 10% instead.

 BB77AC

 BB77AC

FFFFFF

 9F5D91


 F4ACE3

 844578

 FFC8FF

 6A2C5F

 FFE4FF

 511347

 380030

 24001C

 000000

 BB77AC

 BB77AC

 BB64A8

 BB8AB0

 BB52A4

 BB9CB4

 BB3FA0

 BBAFB8

 BB2C9C

 BBC2BC

 BB1997

 BBD5C1

 BB0793

 BBE7C5

 BB0092

 BBFAC9

 BBFFCD

 BBFFD1

Harmonies

Analogous

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



9683C6



BB77AC



CD728A

Triad

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



BB77AC



9E8D48



009EB2

Complementary

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



BB77AC



77BB86

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.



009F90



BB77AC



7B9653

Square

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



BB77AC



BB8151



509C6E



0099C9

Rectangle

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



BB77AC



CE7374



509C6E



009FA7

Sweetspot

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



BB77AC



F2D8EC



8677BB



7A6A77



FAFAFA



7A7A7A

Same Dimension

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



BB77AC



F288DB



BB778A



5E555C



9E007B



1F0018

Inverse Universe

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



BB77AC



F288DB



77BBA8



5E555C



9E007B



1F0018

Previews

White Background



This preview shows how the Hex color BB77AC looks on a white background.

Color Contrast Check

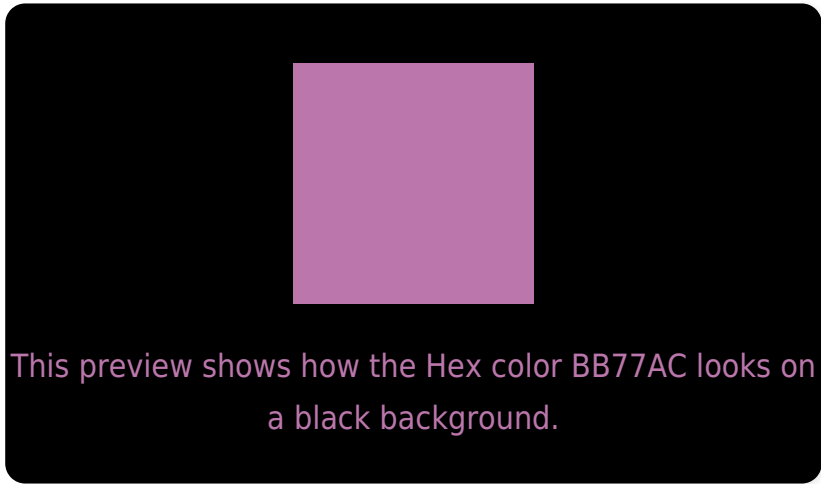
Large Text (above 18pt) WCAG AA ✓ Pass

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

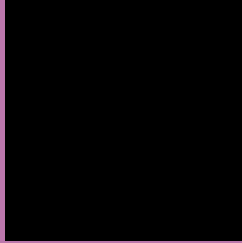
Any Text WCAG AA ✓ Pass

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 BB77AC Background



This preview shows how black text looks on a background with the Hex color BB77AC.

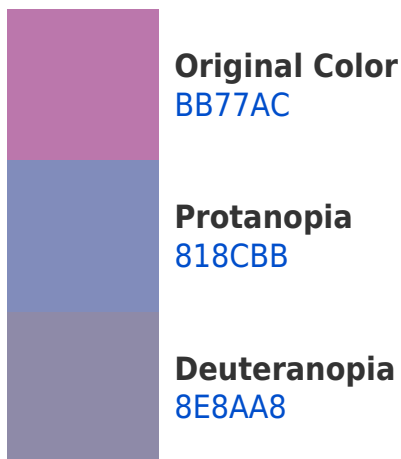


This preview shows how white text looks on a background with the Hex color BB77AC.

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
B77E88

Trichromacy



Original Color
BB77AC



Protanomaly
9684B6



Deuteranomaly
9E83A9



Tritanomaly
B87B95

Monochromacy



Original Color
BB77AC



Achromatopsia
919191



Achromatomaly
A0889B

CSS Examples

Text

The CSS property to change the color of the text to Hex BB77AC 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 #BB77AC looks like.

```
.text, #text, p{  
    color:#BB77AC  
}
```

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 #BB77AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB77AC }  
}
```

Border

The CSS property to change the border of an element to Hex BB77AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

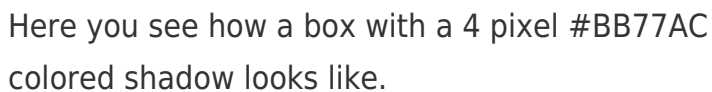
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #BB77AC }  
}
```

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

```
.border{ border-color:#BB77AC }
```

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



Here you see how a box with a 4 pixel `#BB77AC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB77AC; -webkit-box-shadow:4px 4px  
4px 4px #BB77AC; box-shadow:4px 4px 4px  
4px #BB77AC }
```

Background

The CSS property to change the background color of an element to Hex BB77AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB77AC }
```

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

```
.background{ background-color:#BB77AC }
```

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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