

Converting Colors

Hex(B77AB9)

Have a look what the booklet for
Hex(B77AB9) contains.

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Color

Hex(B77AB9)

Conversions

Conversions Part 1

Format	Color
Hex	B77AB9
RGB	183, 122, 185
RGB Percent	72%, 48%, 73%
CMY	0.2824, 0.5216, 0.2745
CMYK	0.01, 0.34, 0.00, 0.27
HSL	298°, 31%, 60%
HSV	298°, 34%, 73%
XYZ	35.2449, 27.4891, 49.3473
YIQ	147.4210, 16.1330, 32.5250

Conversions

Conversions Part 2

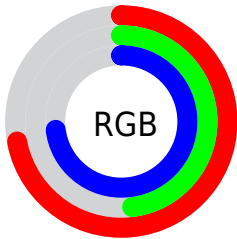
Format	Color
RYB	183, 122, 185
Decimal	12024505
CIELab	59.42, 34.11, -23.58
CIELCh	59, 41.470, 325.341
Yxy	27.4891, 0.3145, 0.2453
Android (android.graphics.Color)	4290214585 (0xFFB77AB9)
YUV	147.4210, 18.5264, 31.2028
Hunter-Lab	52.4301, 28.2399, -19.1028

Details

The Hex color **B77AB9** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7CB97A**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **F0AFF1**, and **814884** is the 20% darker color. If you saturate the color by 10%, you get **B668B9**, and if you desaturate by 10%, it is **B88DB9**.

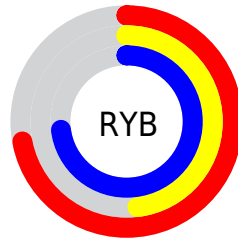
Distribution



Red (72%)

Green (48%)

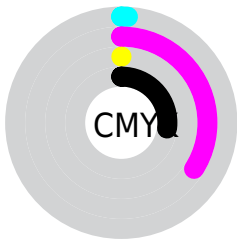
Blue (73%)



Red (72%)

Yellow (48%)

Blue (73%)

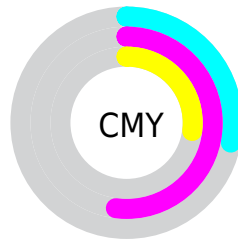


Cyan (1%)

Magenta (34%)

Yellow (0%)

Black (27%)



Cyan (28%)

Magenta (52%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color B77AB9 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 B77AB9 by changing the saturation by 10% instead.

 B77AB9

 B77AB9

FFFFFF

 9C609E

 F0AFF1

 814884

 FFCBFF

 67306A

 FFE8FF

 4E1752

 35003B

 230025

 00010D

 000000

 B77AB9

 B77AB9

 B668B9

 B88DB9

 B655B9

 B89FB9

 B543B9

 B9B2B9

 B530B9

 B9C4B9

 B41EB9

 BAD6B9

 B30BB9

 BBE9B9

 B300B9

 BBFCB9

 BCFFB9

Harmonies

Analogous

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



8988D1



B77AB9



D07196

Triad

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



B77AB9



AA8B45



00A1AD

Complementary

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



B77AB9



7CB97A

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.



08A188



B77AB9



86964B

Square

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



B77AB9



C67E54



5A9E64



009DCA

Rectangle

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



B77AB9



D5717E



5A9E64



00A2A1

Sweetspot

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



B77AB9



EFD8F0



7A7CB9



776978



F7F7F7



787878

Same Dimension

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



B77AB9



ED8DF0



B97A9C



5C535C



97009C



1B001C

Inverse Universe

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



B97A7C



F08D91



7AB997



5C5353



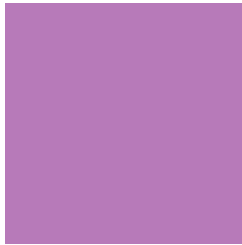
9C0005



1C0001

Previews

White Background



This preview shows how the Hex color B77AB9 looks on a white background.

Color Contrast Check

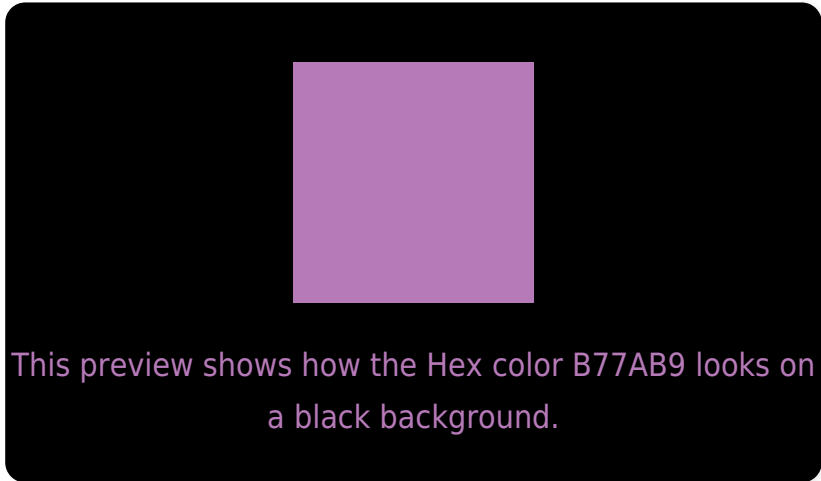
Large Text (above 18pt) WCAG AA ✓ Pass

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

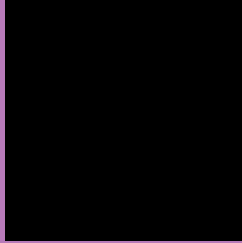
Any Text WCAG AA ✓ Pass

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 B77AB9 Background



This preview shows how black text looks on a background with the Hex color B77AB9.

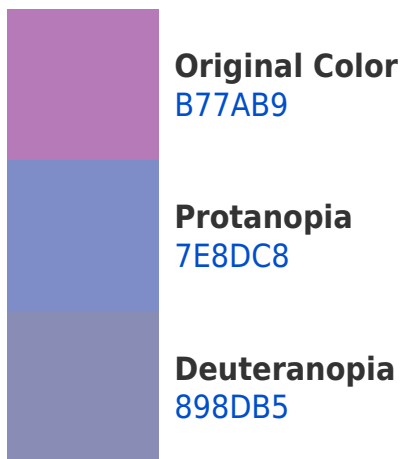



This preview shows how white text looks on a background with the Hex color B77AB9.

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
B1838D

Trichromacy



Original Color
B77AB9

Protanomaly
9386C3

Deuteranomaly
9A86B6

Tritanomaly
B3809D

Monochromacy



Original Color
B77AB9

Achromatopsia
939393

Achromatomaly
A08AA1

CSS Examples

Text

The CSS property to change the color of the text to Hex B77AB9 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 #B77AB9 looks like.

```
.text, #text, p{  
    color:#B77AB9  
}
```

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 #B77AB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B77AB9
}
```

Border

The CSS property to change the border of an element to Hex B77AB9 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
#B77AB9 }
```

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

```
.border{ border-color:#B77AB9 }
```

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

Here you see how a box with a 4 pixel #B77AB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B77AB9; -webkit-box-shadow:4px 4px  
4px 4px #B77AB9; box-shadow:4px 4px 4px  
4px #B77AB9 }
```

Background

The CSS property to change the background color of an element to Hex B77AB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B77AB9 }
```

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

```
.background{ background-color:#B77AB9 }
```

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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