

Converting Colors

Hex(B77BC5)

Have a look what the booklet for
Hex(B77BC5) contains.

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Color

Hex(**B77BC5**)

Conversions

Conversions Part 1

Format	Color
Hex	B77BC5
RGB	183, 123, 197
RGB Percent	72%, 48%, 77%
CMY	0.2824, 0.5176, 0.2275
CMYK	0.07, 0.38, 0.00, 0.23
HSL	289°, 39%, 63%
HSV	289°, 38%, 77%
XYZ	36.6894, 28.2644, 56.3452
YIQ	149.3760, 12.0060, 35.7340

Conversions

Conversions Part 2

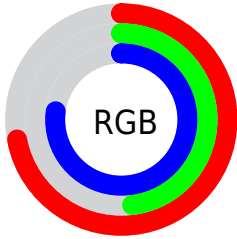
Format	Color
RYB	183, 123, 197
Decimal	12024773
CIELab	60.13, 35.93, -29.32
CIELCh	60, 46.369, 320.785
Yxy	28.2644, 0.3025, 0.2330
Android (android.graphics.Color)	4290214853 (0xFFB77BC5)
YUV	149.3760, 23.4786, 29.4882
Hunter-Lab	53.1643, 30.1479, -25.6224

Details

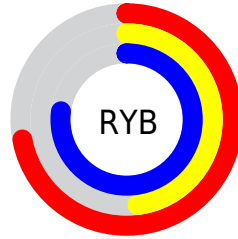
The Hex color **B77BC5** is a light color, and the websafe version is hex **996699**. A complement of this color would be **89C57B**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **F0B0FE**, and **81498F** is the 20% darker color. If you saturate the color by 10%, you get **B367C5**, and if you desaturate by 10%, it is **BB8FC5**.

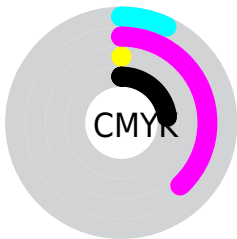
Distribution



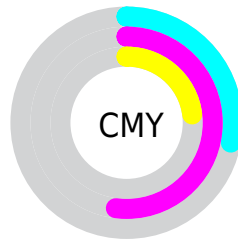
- Red (72%)
- Green (48%)
- Blue (77%)



- Red (72%)
- Yellow (48%)
- Blue (77%)



- Cyan (7%)
- Magenta (38%)
- Yellow (0%)
- Black (23%)



- Cyan (28%)
- Magenta (52%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color B77BC5 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 B77BC5 by changing the saturation by 10% instead.

 B77BC5

 B77BC5

FFFFFF

 9B61AA

 F0B0FE

 81498F

 FFCCFF

 673075

 FFE9FF

 4D185C

 350044

 22002E

 000118

 000000

 B77BC5

 B77BC5

 B367C5

 BB8FC5

 B054C5

 BEA2C5

 AC40C5

 C2B6C5

 A82CC5

 C6CAC5

 A419C5

 CADEC5

 A105C5

 CDF1C5

 A000C5

 D1FFC5

 D5FFC5

 D9FFC5

Harmonies

Analogous

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



7F8BDD



B77BC5



D66F9F

Triad

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



B77BC5



B48A3E



00A5AD

Complementary

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



B77BC5



89C57B

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.



00A582



B77BC5



8D9741

Square

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



B77BC5



D07B53



5DA05B



00A2CF

Rectangle

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



B77BC5



DD6E84



5DA05B



00A69F

Sweetspot

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



B77BC5



FAE3FF



7B8AC5



7C6F80



000000



808080

Same Dimension

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



B77BC5



E98CFF



C57BAF



625A63



8400A3



1D0024

Inverse Universe

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



C57B89



FF8CA2



7BC591



635A5B



A3001F



240007

Previews

White Background



This preview shows how the Hex color B77BC5 looks on a white background.

Color Contrast Check

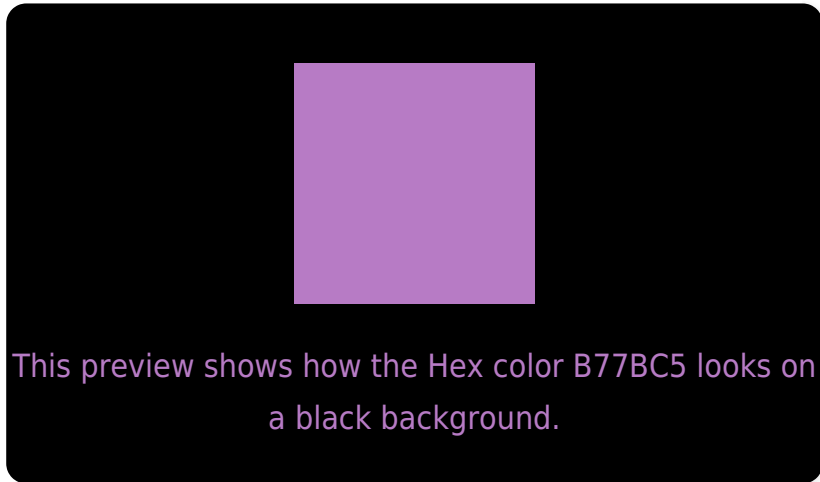
Large Text (above 18pt) WCAG AA ✓ Pass

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 B77BC5 Background



This preview shows how black text looks on a background with the Hex color B77BC5.

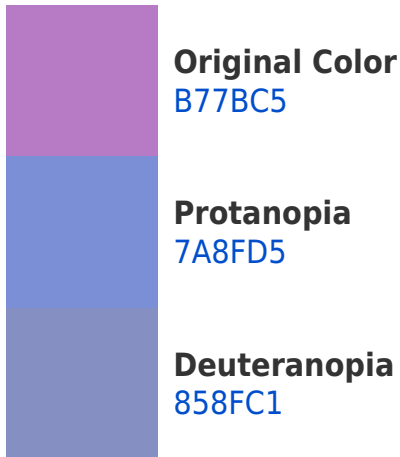


This preview shows how white text looks on a background with the Hex color B77BC5.

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](#).

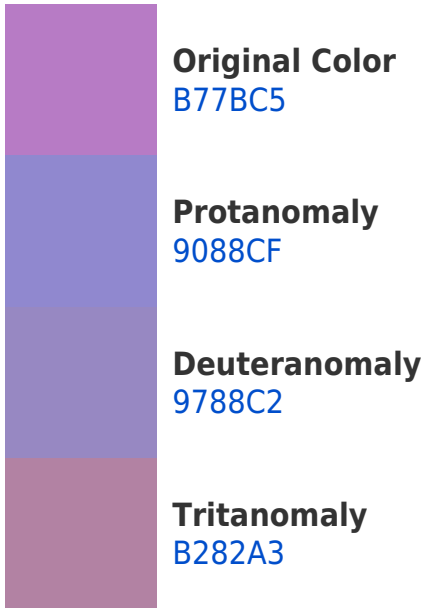
Dichromacy



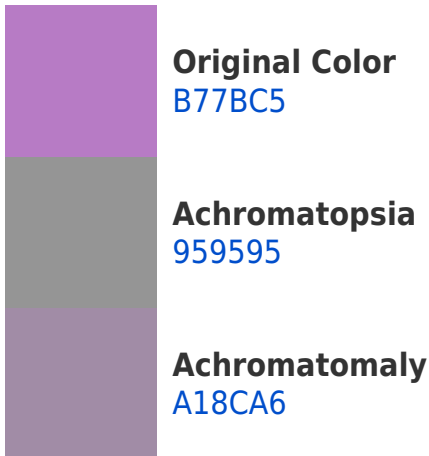


Tritanopia
AF8690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B77BC5 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 #B77BC5 looks like.

```
.text, #text, p{  
    color:#B77BC5  
}
```

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 #B77BC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B77BC5
}
```

Border

The CSS property to change the border of an element to Hex B77BC5 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
#B77BC5 }
```

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

```
.border{ border-color:#B77BC5 }
```

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

Here you see how a box with a 4 pixel #B77BC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B77BC5; -webkit-box-shadow:4px 4px  
4px 4px #B77BC5; box-shadow:4px 4px 4px  
4px #B77BC5 }
```

Background

The CSS property to change the background color of an element to Hex B77BC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B77BC5 }
```

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

```
.background{ background-color:#B77BC5 }
```

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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