

Converting Colors

Hex(B77CD2)

Have a look what the booklet for
Hex(B77CD2) contains.

Hex(B77CD2)	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(B77CD2)

Conversions

Conversions Part 1

Format	Color
Hex	B77CD2
RGB	183, 124, 210
RGB Percent	72%, 49%, 82%
CMY	0.2824, 0.5137, 0.1765
CMYK	0.13, 0.41, 0.00, 0.18
HSL	281°, 49%, 65%
HSV	281°, 41%, 82%
XYZ	38.3689, 29.1357, 64.5743
YIQ	151.4450, 7.5580, 39.2540

Conversions

Conversions Part 2

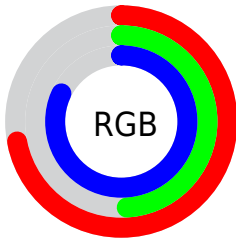
Format	Color
R_{YB}	183, 124, 210
Decimal	12025042
CIE _{Lab}	60.90, 38.06, -35.45
CIE _{LCh}	61, 52.009, 317.037
Yxy	29.1357, 0.2905, 0.2206
Android (android.graphics.Color)	4290215122 (0xFFB77CD2)
YUV	151.4450, 28.8676, 27.6737
Hunter-Lab	53.9775, 32.4229, -33.1454

Details

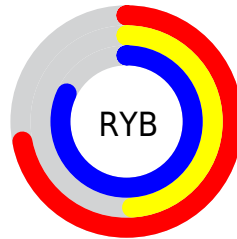
The Hex color **B77CD2** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **97D27C**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **F0B2FF**, and **80499B** is the 20% darker color. If you saturate the color by 10%, you get **B067D2**, and if you desaturate by 10%, it is **BE91D2**.

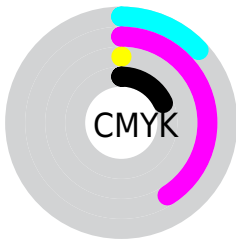
Distribution



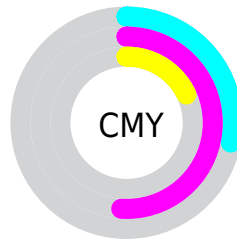
- Red (72%)
- Green (49%)
- Blue (82%)



- Red (72%)
- Yellow (49%)
- Blue (82%)



- Cyan (13%)
- Magenta (41%)
- Yellow (0%)
- Black (18%)



- Cyan (28%)
- Magenta (51%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color B77CD2 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 B77CD2 by changing the saturation by 10% instead.

 B77CD2

 B77CD2

FFFFFF

 9B62B6

 F0B2FF

 80499B

 FFCDFE

 663181

 FFEAFF

 4D1967

 33004F

 1F0038

 000221

 000006

 000000

 B77CD2

 B77CD2

 B067D2

 BE91D2

 AA52D2

 C4A6D2

 A33DD2

 CBBBD2

 9D28D2

 D1D0D2

 9613D2

 D8E5D2

 9000D2

 DFFAD2

 E5FFD2

 ECFFD2

 F2FFD2

Harmonies

Analogous

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



728FEB



B77CD2



DD6DA9

Triad

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



B77CD2



BD8936



00AAAC

Complementary

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



B77CD2



97D27C

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.



00A87D



B77CD2



939935

Square

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



B77CD2



DB7851



5EA351



00A6D5

Rectangle

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



B77CD2



E76A8A



5EA351



00AA9D

Sweetspot

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



B77CD2



F5E0FF



7C97D2



7A6E80



000000



808080

Same Dimension

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



B77CD2



D882FF



D27CC2



655E69



7300A8



1C0029

Inverse Universe

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



D27C97



FF82A9



7CD28C



695E61



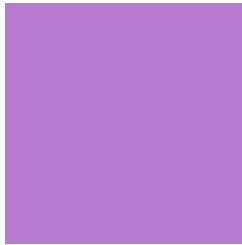
A80035



29000D

Previews

White Background



This preview shows how the Hex color B77CD2 looks on a white background.

Color Contrast Check

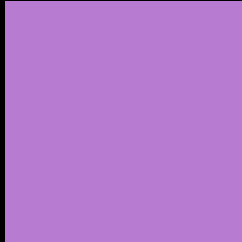
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color B77CD2 looks on a 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 B77CD2 Background



This preview shows how black text looks on a background with the Hex color B77CD2.

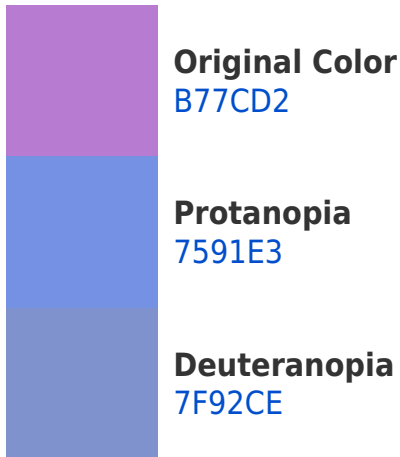


This preview shows how white text looks on a background with the Hex color B77CD2.

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
AE8994

Trichromacy



Original Color
B77CD2



Protanomaly
8D89DD



Deuteranomaly
938ACF



Tritanomaly
B184AB

Monochromacy



Original Color
B77CD2



Achromatopsia
979797



Achromatomaly
A38DAC

CSS Examples

Text

The CSS property to change the color of the text to Hex B77CD2 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 #B77CD2 looks like.

```
.text, #text, p{  
    color:#B77CD2  
}
```

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 #B77CD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B77CD2
}
```

Border

The CSS property to change the border of an element to Hex B77CD2 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
#B77CD2 }
```

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

```
.border{ border-color:#B77CD2 }
```

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

Here you see how a box with a 4 pixel #B77CD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B77CD2; -webkit-box-shadow:4px 4px  
4px 4px #B77CD2; box-shadow:4px 4px 4px  
4px #B77CD2 }
```

Background

The CSS property to change the background color of an element to Hex B77CD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B77CD2 }
```

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

```
.background{ background-color:#B77CD2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor