

Converting Colors

Hex(B77CD4)

Have a look what the booklet for
Hex(B77CD4) contains.

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Color

Hex(B77CD4)

Conversions

Conversions Part 1

Format	Color
Hex	B77CD4
RGB	183, 124, 212
RGB Percent	72%, 49%, 83%
CMY	0.2824, 0.5137, 0.1686
CMYK	0.14, 0.42, 0.00, 0.17
HSL	280°, 51%, 66%
HSV	280°, 42%, 83%
XYZ	38.6198, 29.2360, 65.8950
YIQ	151.6730, 6.9160, 39.8760

Conversions

Conversions Part 2

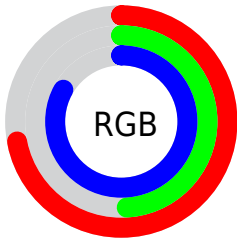
Format	Color
RYB	183, 124, 212
Decimal	12025044
CIELab	60.99, 38.48, -36.43
CIElCh	61, 52.992, 316.569
Yxy	29.2360, 0.2887, 0.2186
Android (android.graphics.Color)	4290215124 (0xFFB77CD4)
YUV	151.6730, 29.7412, 27.4738
Hunter-Lab	54.0704, 32.8705, -34.4068

Details

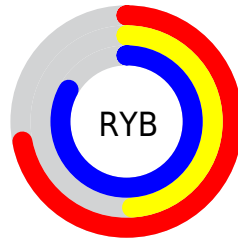
The Hex color **B77CD4** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **99D47C**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **F0B2FF**, and **80499D** is the 20% darker color. If you saturate the color by 10%, you get **B067D4**, and if you desaturate by 10%, it is **BE91D4**.

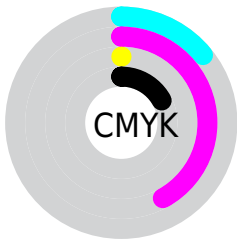
Distribution



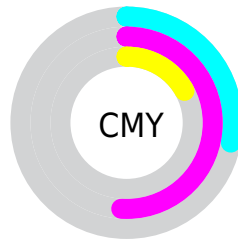
- Red (72%)
- Green (49%)
- Blue (83%)



- Red (72%)
- Yellow (49%)
- Blue (83%)



- Cyan (14%)
- Magenta (42%)
- Yellow (0%)
- Black (17%)



- Cyan (28%)
- Magenta (51%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color B77CD4 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 B77CD4 by changing the saturation by 10% instead.

 B77CD4

 B77CD4

FFFFFF

 9B62B8

 F0B2FF

 80499D

 FFCDFE

 663183

 FFEAFF

 4C1869

 330050

 1F0039

 000222

 000009

 000000

 B77CD4

 B77CD4

 B067D4

 BE91D4

 A952D4

 C5A6D4

 A23CD4

 CCBCD4

 9B27D4

 D3D1D4

 9412D4

 DAE6D4

 8E00D4

 E1FBD4

 E8FFD4

 EFFF4

 F6FFD4

Harmonies

Analogous

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



6F8FED



B77CD4



DE6CAA

Triad

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



B77CD4



BF8934



00AAAC

Complementary

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



B77CD4



99D47C

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.



00A97C



B77CD4



949933

Square

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



B77CD4



DD7751



5EA350



00A7D6

Rectangle

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



B77CD4



E9698B



5EA350



00AA9C

Sweetspot

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



B77CD4



F5E0FF



7C99D4



7A6E80



000000



808080

Same Dimension

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



B77CD4



D580FF



D47CC5



68606B



7300AB



1D002B

Inverse Universe

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



D47C99



FF80AA



7CD48B



6B6064



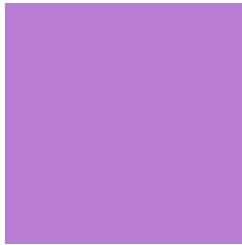
AB0038



2B000E

Previews

White Background



This preview shows how the Hex color B77CD4 looks on a white background.

Color Contrast Check

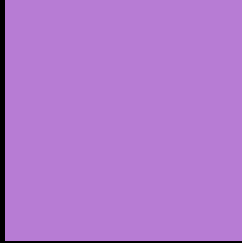
Large Text (above 18pt) WCAG AA ✓ Pass

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 B77CD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

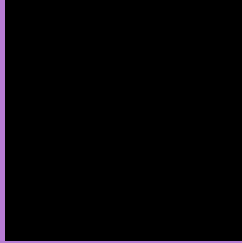
Any Text WCAG AA ✓ Pass

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 B77CD4 Background



This preview shows how black text looks on a background with the Hex color B77CD4.

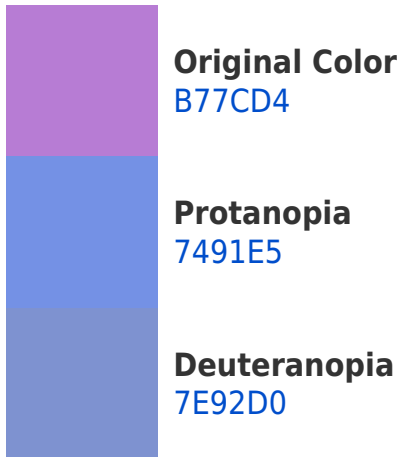



This preview shows how white text looks on a background with the Hex color B77CD4.

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
AD8A95

Trichromacy



Original Color
B77CD4



Protanomaly
8C89DF



Deuteranomaly
938AD1



Tritanomaly
B185AC

Monochromacy



Original Color
B77CD4



Achromatopsia
989898



Achromatomaly
A38EAE

CSS Examples

Text

The CSS property to change the color of the text to Hex B77CD4 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 #B77CD4 looks like.

```
.text, #text, p{  
    color:#B77CD4  
}
```

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 #B77CD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B77CD4
}
```

Border

The CSS property to change the border of an element to Hex B77CD4 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
#B77CD4 }
```

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

```
.border{ border-color:#B77CD4 }
```

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

Here you see how a box with a 4 pixel #B77CD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B77CD4; -webkit-box-shadow:4px 4px  
4px 4px #B77CD4; box-shadow:4px 4px 4px  
4px #B77CD4 }
```

Background

The CSS property to change the background color of an element to Hex B77CD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B77CD4 }
```

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

```
.background{ background-color:#B77CD4 }
```

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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