

Converting Colors

Hex(AB77CD)

Have a look what the booklet for
Hex(AB77CD) contains.

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Color

Hex(**AB77CD**)

Conversions

Conversions Part 1

Format	Color
Hex	AB77CD
RGB	171, 119, 205
RGB Percent	67%, 47%, 80%
CMY	0.3294, 0.5333, 0.1961
CMYK	0.17, 0.42, 0.00, 0.20
HSL	276°, 46%, 64%
HSV	276°, 42%, 80%
XYZ	34.4109, 26.2594, 61.0125
YIQ	144.3520, 3.3860, 37.7700

Conversions

Conversions Part 2

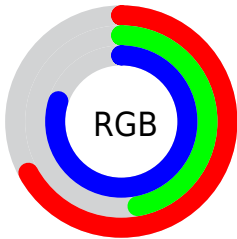
Format	Color
RYB	171, 119, 205
Decimal	11237325
CIELab	58.28, 36.18, -36.81
CIELCh	58, 51.614, 314.501
Yxy	26.2594, 0.2828, 0.2158
Android (android.graphics.Color)	4289427405 (0xFFAB77CD)
YUV	144.3520, 29.8995, 23.3703
Hunter-Lab	51.2439, 30.1880, -34.7217

Details

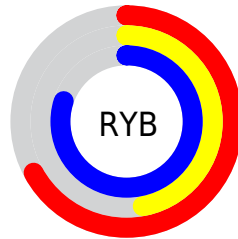
The Hex color **AB77CD** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **99CD77**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **E4ACFF**, and **754596** is the 20% darker color. If you saturate the color by 10%, you get **A363CD**, and if you desaturate by 10%, it is **B38BCD**.

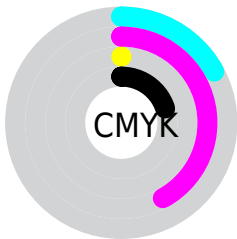
Distribution



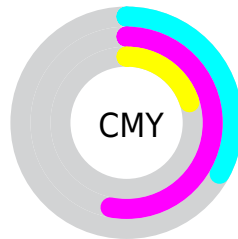
- Red (67%)
- Green (47%)
- Blue (80%)



- Red (67%)
- Yellow (47%)
- Blue (80%)



- Cyan (17%)
- Magenta (42%)
- Yellow (0%)
- Black (20%)



- Cyan (33%)
- Magenta (53%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB77CD 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 AB77CD by changing the saturation by 10% instead.

 AB77CD

 AB77CD

FFFFFF

 905EB1

 E4ACFF

 754596

 FFC8FF

 5B2D7C

 FFE4FF

 421563

 28004A

 140034

 00021D

 000000

 AB77CD

 AB77CD

 A363CD

 B38BCD

 9B4ECD

 BBA0CD

 933ACD

 C3B5CD

 8B25CD

 CBC9CD

 8210CD

 D4DECD

 7C00CD

 DCF2CD

 E4FFCD

 ECFFCD

 F4FFCD

Harmonies

Analogous

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



6389E4



AB77CD



D367A5

Triad

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



AB77CD



B88132



00A2A1

Complementary

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



AB77CD



99CD77

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.



00A172



AB77CD



90912E

Square

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



AB77CD



D5704F



5D9B48



00A0CA

Rectangle

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



AB77CD



DE6387



5D9B48



00A292

Sweetspot

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



AB77CD



F2DEFF



7799CD



776B80



000000



808080

Same Dimension

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



AB77CD



CD80FF



CD77C4



625C66



6400A6



170026

Inverse Universe

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



CD7799



FF80B2



77CD80



665C60



A60042



26000F

Previews

White Background



This preview shows how the Hex color AB77CD looks on a white background.

Color Contrast Check

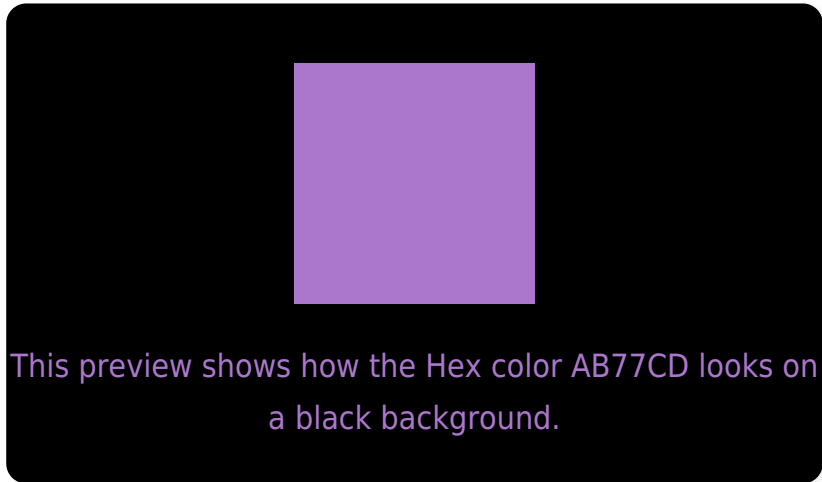
Large Text (above 18pt) WCAG AA ✓ Pass

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

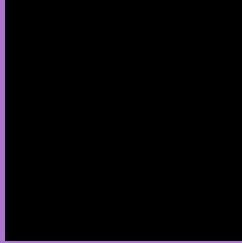
Any Text WCAG AA ✓ Pass

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 AB77CD Background



This preview shows how black text looks on a background with the Hex color AB77CD.

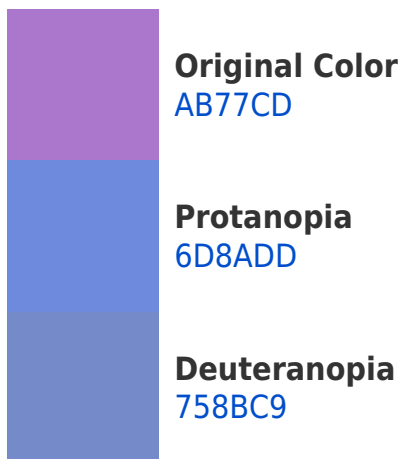



This preview shows how white text looks on a background with the Hex color AB77CD.

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
A1858F

Trichromacy



Original Color
AB77CD



Protanomaly
8483D7



Deuteranomaly
8984CA



Tritanomaly
A580A6

Monochromacy



Original Color
AB77CD



Achromatopsia
909090



Achromatomaly
9A87A6

CSS Examples

Text

The CSS property to change the color of the text to Hex AB77CD 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 #AB77CD looks like.

```
.text, #text, p{  
    color:#AB77CD  
}
```

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 #AB77CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB77CD
}
```

Border

The CSS property to change the border of an element to Hex AB77CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

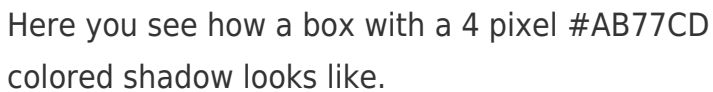
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB77CD }
```

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

```
.border{ border-color:#AB77CD }
```

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



Here you see how a box with a 4 pixel `#AB77CD` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB77CD; -webkit-box-shadow:4px 4px  
4px 4px #AB77CD; box-shadow:4px 4px 4px  
4px #AB77CD }
```

Background

The CSS property to change the background color of an element to Hex AB77CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB77CD }
```

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

```
.background{ background-color:#AB77CD }
```

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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