

Converting Colors

Hex(AB71DD)

Have a look what the booklet for
Hex(AB71DD) contains.

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Color

Hex(**AB71DD**)

Conversions

Conversions Part 1

Format	Color
Hex	AB71DD
RGB	171, 113, 221
RGB Percent	67%, 44%, 87%
CMY	0.3294, 0.5569, 0.1333
CMYK	0.23, 0.49, 0.00, 0.13
HSL	272°, 61%, 65%
HSV	272°, 49%, 87%
XYZ	35.7509, 25.6886, 71.4807
YIQ	142.6540, -0.1000, 45.8840

Conversions

Conversions Part 2

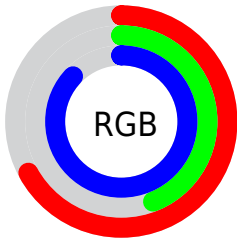
Format	Color
R _{YB}	171, 113, 221
Decimal	11235805
CIE _{Lab}	57.74, 43.08, -46.68
CIE _{LCh}	58, 63.525, 312.701
Yxy	25.6886, 0.2690, 0.1933
Android (android.graphics.Color)	4289425885 (0xFFAB71DD)
YUV	142.6540, 38.6246, 24.8594
Hunter-Lab	50.6840, 37.2113, -48.1393

Details

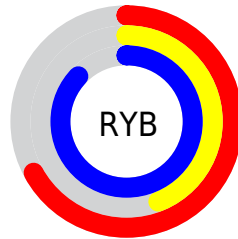
The Hex color **AB71DD** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A3DD71**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **E4A6FF**, and **743FA5** is the 20% darker color. If you saturate the color by 10%, you get **A15BDD**, and if you desaturate by 10%, it is **B587DD**.

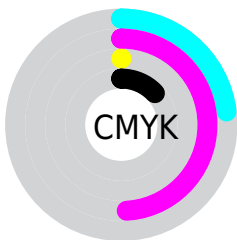
Distribution



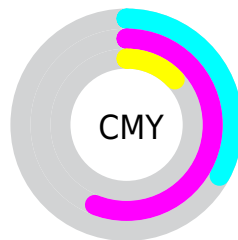
- Red (67%)
- Green (44%)
- Blue (87%)



- Red (67%)
- Yellow (44%)
- Blue (87%)



- Cyan (23%)
- Magenta (49%)
- Yellow (0%)
- Black (13%)



- Cyan (33%)
- Magenta (56%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB71DD 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 AB71DD by changing the saturation by 10% instead.

■ AB71DD

■ AB71DD

FFFFFF

■ 8F57C1

■ E4A6FF

■ 743FA5

■ FFC2FF

■ 59268B

■ FFDEFF

■ 3F0B71

■ FFFBFF

■ 230057

■ 090040

■ 000328

■ 000112

■ 000000

■ AB71DD

■ AB71DD

■ A15BDD

■ B587DD

■ 9745DD

■ BF9DDD

■ 8C2FDD

■ CAB3DD

■ 8219DD

■ D4C9DD

■ 7803DD

■ DEE0DD

■ 7700DD

■ E8F6DD

■ F3FFDD

■ FDFFDD

■ FFFFDD

Harmonies

Analogous

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



3D89F8



AB71DD



DE59AD

Triad

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



AB71DD



C07C12



00A5A2

Complementary

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



AB71DD



A3DD71

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.



00A268



AB71DD



908F00

Square

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



AB71DD



E26441



509C31



00A2D5

Rectangle

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



AB71DD



EC5288



509C31



00A48E

Sweetspot

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



AB71DD



EDD9FF



71A3DD



756980



000000



808080

Same Dimension

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



AB71DD



B969FF



DD71D9



69636E



5D00AD



19002E

Inverse Universe

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



DD71A3



FF69AE



71DD75



6E6368



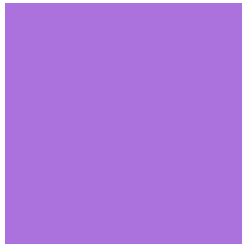
AD0050



2E0015

Previews

White Background



This preview shows how the Hex color AB71DD looks on a white background.

Color Contrast Check

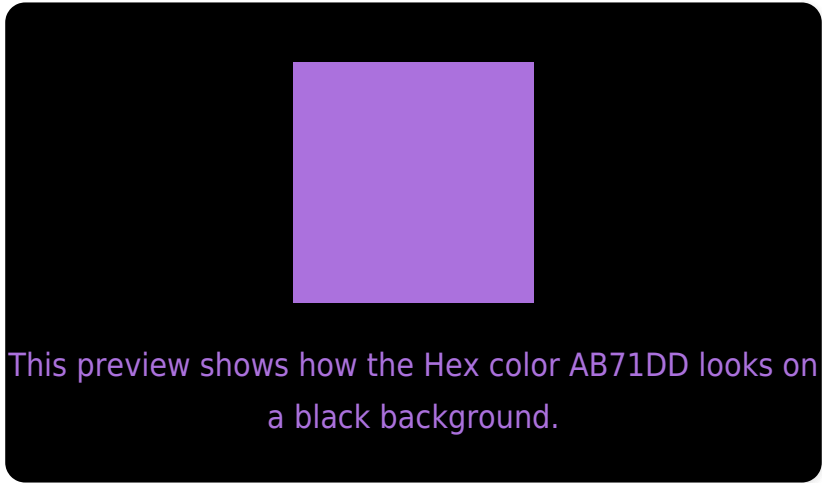
Large Text (above 18pt) WCAG AA ✓ Pass

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

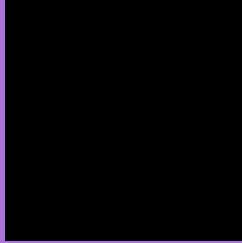
Any Text WCAG AA ✓ Pass

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 AB71DD Background



This preview shows how black text looks on a background with the Hex color AB71DD.

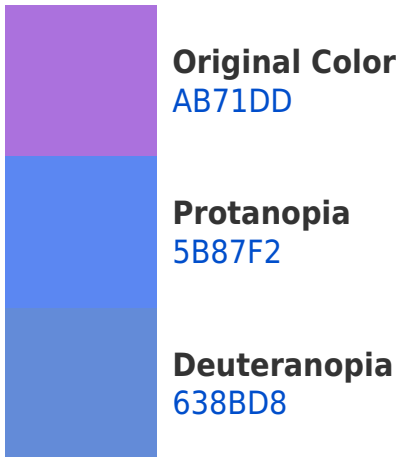


This preview shows how white text looks on a background with the Hex color AB71DD.

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](#).

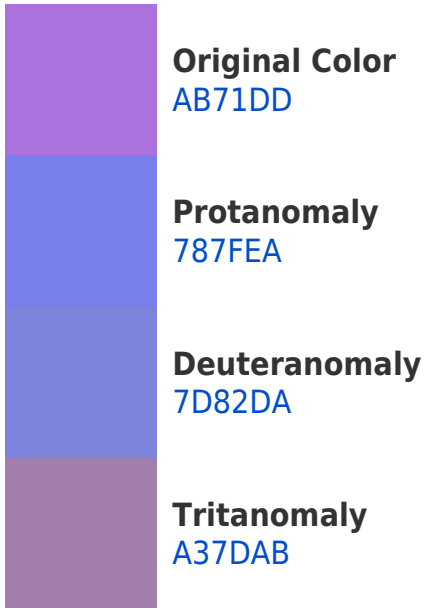
Dichromacy



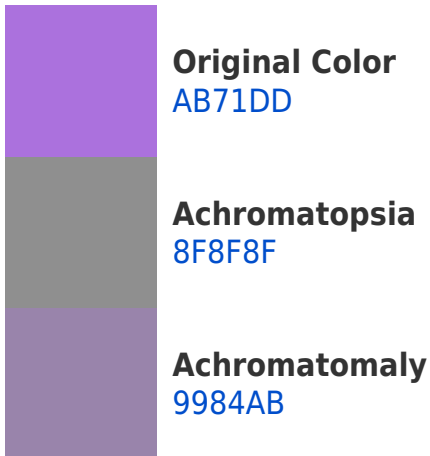


Tritanopia
9E848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB71DD 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 #AB71DD looks like.

```
.text, #text, p{  
    color:#AB71DD  
}
```

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 #AB71DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB71DD
}
```

Border

The CSS property to change the border of an element to Hex AB71DD is called "border". The border property can be set on classes, ids or directly on the HTML element.

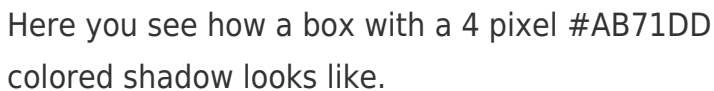
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB71DD }
```

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

```
.border{ border-color:#AB71DD }
```

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



Here you see how a box with a 4 pixel `#AB71DD` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB71DD; -webkit-box-shadow:4px 4px  
4px 4px #AB71DD; box-shadow:4px 4px 4px  
4px #AB71DD }
```

Background

The CSS property to change the background color of an element to Hex AB71DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB71DD }
```

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

```
.background{ background-color:#AB71DD }
```

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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