

Converting Colors

Hex(AB72DC)

Have a look what the booklet for
Hex(AB72DC) contains.

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Color

Hex(**AB72DC**)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AB72DC |
| RGB | 171, 114, 220 |
| RGB Percent | 67%, 45%, 86% |
| CMY | 0.3294, 0.5529, 0.1373 |
| CMYK | 0.22, 0.48, 0.00, 0.14 |
| HSL | 272°, 60%, 65% |
| HSV | 272°, 48%, 86% |
| XYZ | 35.7302, 25.8599, 70.8184 |
| YIQ | 143.1270, -0.0540, 45.0500 |

Conversions

Conversions Part 2

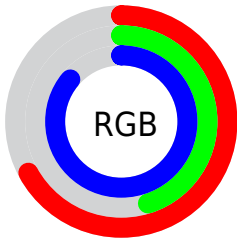
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 171, 114, 220 |
| Decimal | 11236060 |
| CIE _{Lab} | 57.90, 42.31, -45.86 |
| CIE _{LCh} | 58, 62.397, 312.690 |
| Yxy | 25.8599, 0.2698, 0.1953 |
| Android (android.graphics.Color) | 4289426140 (0xFFAB72DC) |
| YUV | 143.1270, 37.8984, 24.4446 |
| Hunter-Lab | 50.8526, 36.4261, -46.9717 |

Details

The Hex color **AB72DC** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A3DC72**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **E4A7FF**, and **7440A4** is the 20% darker color. If you saturate the color by 10%, you get **A15CDC**, and if you desaturate by 10%, it is **B588DC**.

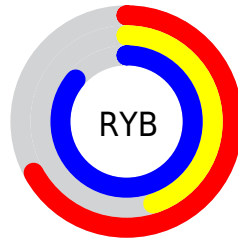
Distribution



Red (67%)

Green (45%)

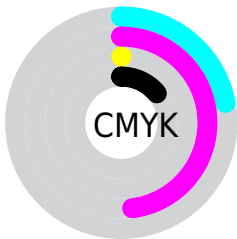
Blue (86%)



Red (67%)

Yellow (45%)

Blue (86%)

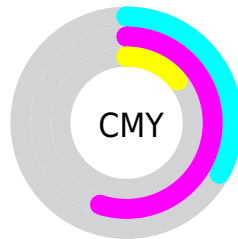


Cyan (22%)

Magenta (48%)

Yellow (0%)

Black (14%)



Cyan (33%)

Magenta (55%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB72DC 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 AB72DC by changing the saturation by 10% instead.

 AB72DC

 AB72DC

FFFFFF

 8F58C0

 E4A7FF

 7440A4

 FFC3FF

 59278A

 FFDFFF

 3F0D70

 FFFCFF

 240057

 0B003F

 000328

 000111

 000000

 AB72DC

 AB72DC

 A15CDC

 B588DC

 9746DC

 BF9EDC

 8C30DC

 CAB4DC

 821ADC

 D4CADC

 7804DC

 DEE0DC

 7600DC

 E8F6DC

 F2FFDC

 FCFFDC

 FFFFDC

Harmonies

Analogous

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



418AF6



AB72DC



DD5BAD

Triad

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



AB72DC



C07D17



00A5A2

Complementary

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



AB72DC



A3DC72

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.



00A369



AB72DC



909005

Square

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



AB72DC



E16643



529C34



00A2D4

Rectangle

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



AB72DC



EB5489



529C34



00A48F

Sweetspot

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



AB72DC



EEDBFF



72A3DC



756A80



000000



808080

Same Dimension

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



AB72DC



BB6BFF



DC72D8



69636E



5D00AD



19002E

Inverse Universe

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



DC72A3



FF6BAF



72DC76



6E6368



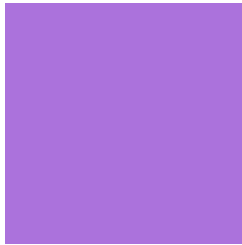
AD0050



2E0015

Previews

White Background



This preview shows how the Hex color AB72DC looks on a white background.

Color Contrast Check

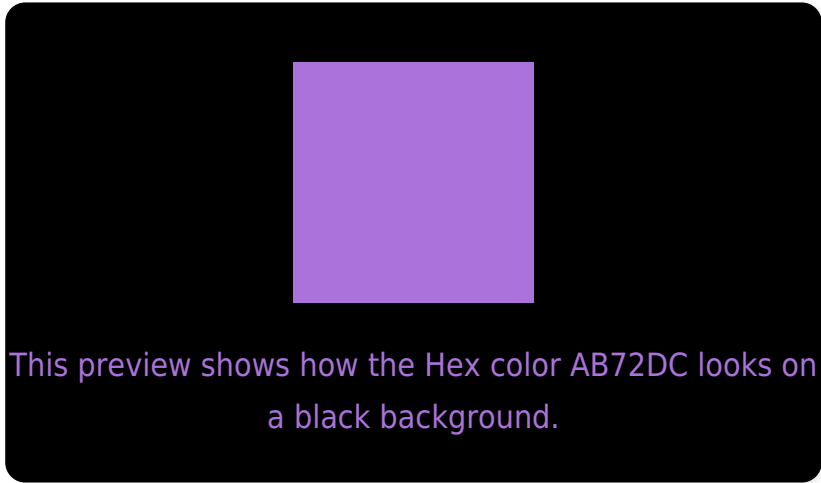
Large Text (above 18pt) WCAG AA ✓ Pass

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

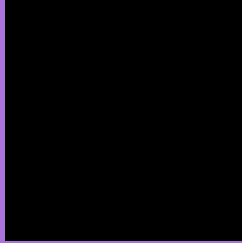
Any Text WCAG AA ✓ Pass

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 AB72DC Background



This preview shows how black text looks on a background with the Hex color AB72DC.

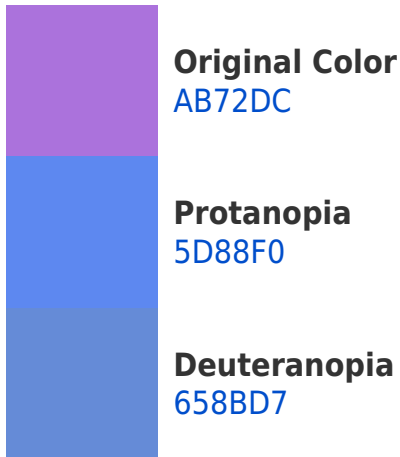


This preview shows how white text looks on a background with the Hex color AB72DC.

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](#).

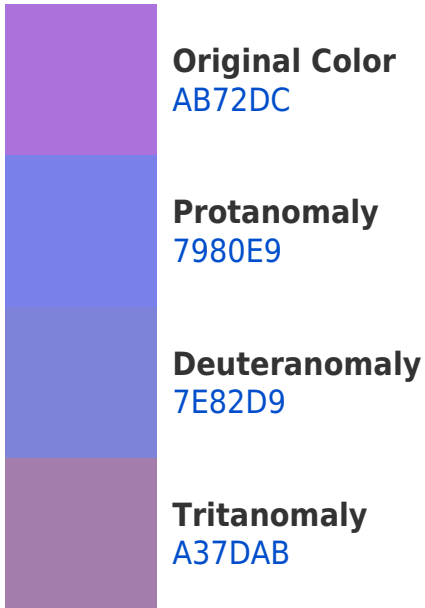
Dichromacy



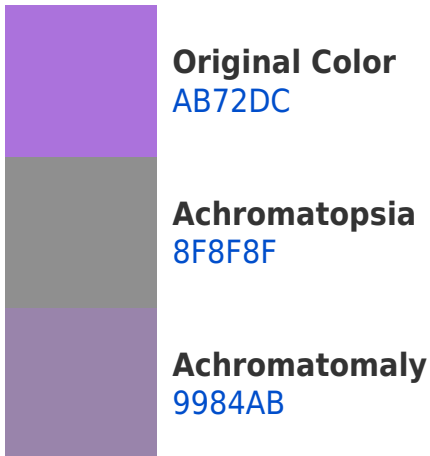


Tritanopia
9E848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB72DC 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 #AB72DC looks like.

```
.text, #text, p{  
    color:#AB72DC  
}
```

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 #AB72DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB72DC
}
```

Border

The CSS property to change the border of an element to Hex AB72DC 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
#AB72DC }
```

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

```
.border{ border-color:#AB72DC }
```

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

Here you see how a box with a 4 pixel #AB72DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB72DC; -webkit-box-shadow:4px 4px  
4px 4px #AB72DC; box-shadow:4px 4px 4px  
4px #AB72DC }
```

Background

The CSS property to change the background color of an element to Hex AB72DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB72DC }
```

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

```
.background{ background-color:#AB72DC }
```

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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