

Converting Colors

Hex(AB71DF)

Have a look what the booklet for
Hex(AB71DF) contains.

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Color

Hex(**AB71DF**)

Conversions

Conversions Part 1

Format	Color
Hex	AB71DF
RGB	171, 113, 223
RGB Percent	67%, 44%, 87%
CMY	0.3294, 0.5569, 0.1255
CMYK	0.23, 0.49, 0.00, 0.13
HSL	272°, 63%, 66%
HSV	272°, 49%, 87%
XYZ	36.0190, 25.7959, 72.8927
YIQ	142.8820, -0.7420, 46.5060

Conversions

Conversions Part 2

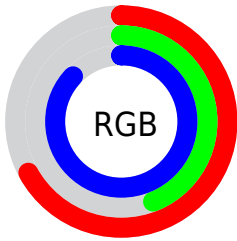
Format	Color
R _Y B	171, 113, 223
Decimal	11235807
CIE Lab	57.84, 43.54, -47.64
CIE LCh	58, 64.542, 312.422
Yxy	25.7959, 0.2674, 0.1915
Android (android.graphics.Color)	4289425887 (0xFFAB71DF)
YUV	142.8820, 39.4982, 24.6595
Hunter-Lab	50.7897, 37.7067, -49.5396

Details

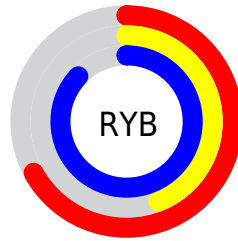
The Hex color **AB71DF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A5DF71**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **E4A6FF**, and **743FA7** is the 20% darker color. If you saturate the color by 10%, you get **A05BDF**, and if you desaturate by 10%, it is **B687DF**.

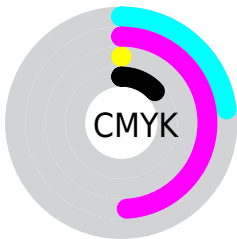
Distribution



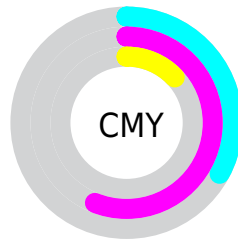
- Red (67%)
- Green (44%)
- Blue (87%)



- 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 AB71DF 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 AB71DF by changing the saturation by 10% instead.

 AB71DF

 AB71DF

FFFFFF

 8F57C3

 E4A6FF

 743FA7

 FFC2FF

 59268C

 FFDEFF

 3E0B72

 FFFBFF

 220059

 070041

 00032A

 000114

 000000

 AB71DF

 AB71DF

 A05BDF


 B687DF

 9644DF

 C09EDF

 8B2EDF

 CBB4DF

 8118DF

 D5CADF

 7601DF

 E0E0DF

 7600DF

 EAF7DF

 F5FFDF

 FFFFDF

Harmonies

Analogous

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



378AFA



AB71DF



DF58AE

Triad

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



AB71DF



C17C0F



00A5A2

Complementary

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



AB71DF



A5DF71

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.



00A367



AB71DF



909000

Square

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



AB71DF



E36441



509C2F



00A3D6

Rectangle

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



AB71DF



EE5189



509C2F



00A58E

Sweetspot

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



AB71DF



EDD9FF



71A6DF



756980



000000



808080

Same Dimension

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



AB71DF



B869FF



DF71DD



6B6570



5D00B0



1A0030

Inverse Universe

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



DF71A5



FF69B0



71DF73



70656A



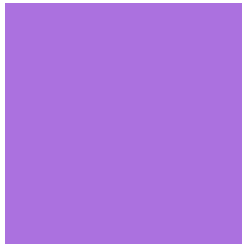
B00053



300017

Previews

White Background



This preview shows how the Hex color AB71DF looks on a white background.

Color Contrast Check

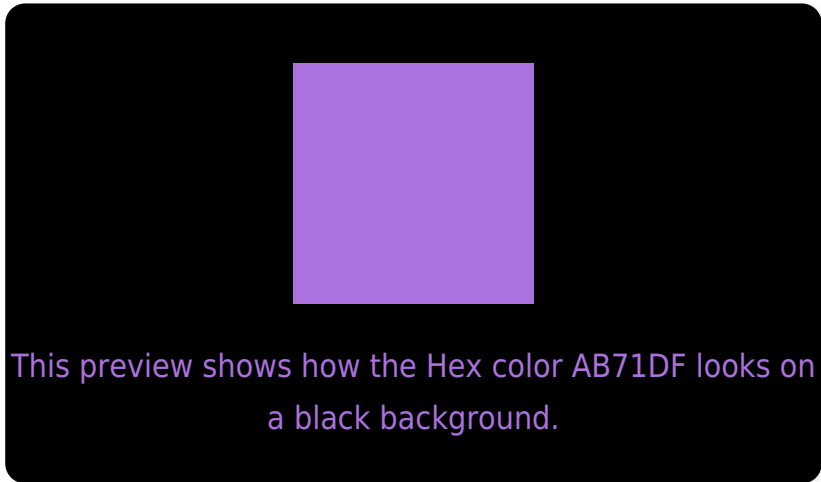
Large Text (above 18pt) WCAG AA ✓ Pass

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

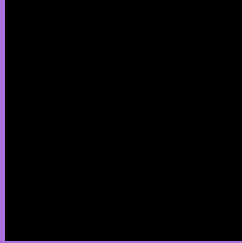
Any Text WCAG AA ✓ Pass

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 AB71DF Background



This preview shows how black text looks on a background with the Hex color AB71DF.

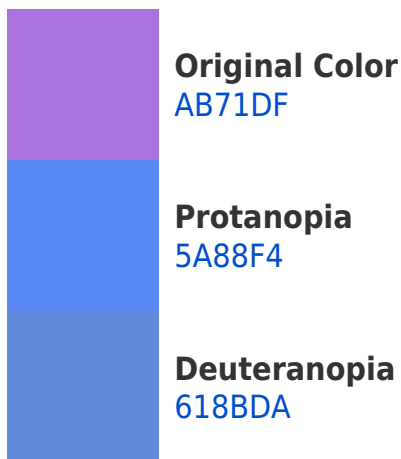



This preview shows how white text looks on a background with the Hex color AB71DF.

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](#).

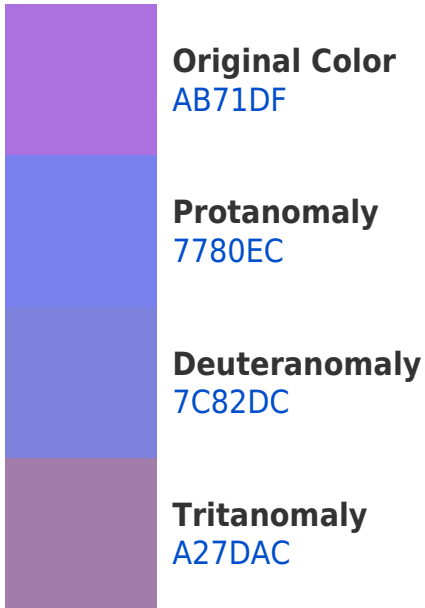
Dichromacy



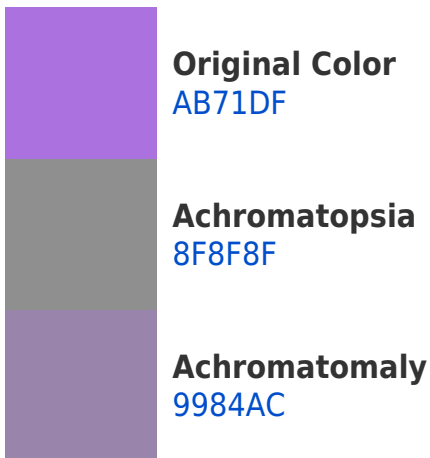


Tritanopia
9D848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB71DF 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 #AB71DF looks like.

```
.text, #text, p{  
    color:#AB71DF  
}
```

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 #AB71DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB71DF
}
```

Border

The CSS property to change the border of an element to Hex AB71DF 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
#AB71DF }
```

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

```
.border{ border-color:#AB71DF }
```

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

Here you see how a box with a 4 pixel #AB71DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB71DF; -webkit-box-shadow:4px 4px  
4px 4px #AB71DF; box-shadow:4px 4px 4px  
4px #AB71DF }
```

Background

The CSS property to change the background color of an element to Hex AB71DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB71DF }
```

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

```
.background{ background-color:#AB71DF }
```

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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