

# Converting Colors

Hex(AB7FDA)

Have a look what the booklet for  
Hex(AB7FDA) contains.

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# Color

**Hex(AB7FDA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB7FDA
RGB	171, 127, 218
RGB Percent	67%, 50%, 85%
CMY	0.3294, 0.5020, 0.1451
CMYK	0.22, 0.42, 0.00, 0.15
HSL	269°, 55%, 68%
HSV	269°, 42%, 85%
XYZ	37.0388, 28.8986, 69.9555
YIQ	150.5300, -2.9870, 37.6290

# Conversions

## Conversions Part 2

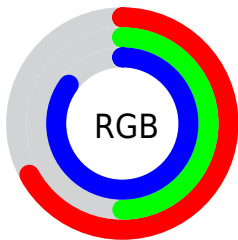
Format	Color
<a href="#">RYB</a>	<a href="#">171, 127, 218</a>
Decimal	<a href="#">11239386</a>
CIELab	<a href="#">60.69, 34.64, -40.35</a>
CIELCh	<a href="#">61, 53.180, 310.647</a>
Yxy	<a href="#">28.8986, 0.2726, 0.2127</a>
Android (android.graphics.Color)	<a href="#">4289429466 (0xFFAB7FDA)</a>
YUV	<a href="#">150.5300, 33.2627, 17.9522</a>
Hunter-Lab	<a href="#">53.7574, 28.9109, -39.5249</a>

# Details

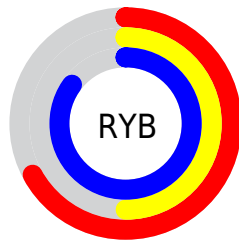
The Hex color **AB7FDA** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **AEDA7F**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **E4B4FF**, and **754DA3** is the 20% darker color. If you saturate the color by 10%, you get **A069DA**, and if you desaturate by 10%, it is **B695DA**.

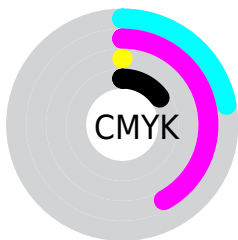
# Distribution



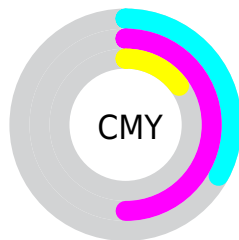
- Red (67%)
- Green (50%)
- Blue (85%)



- Red (67%)
- Yellow (50%)
- Blue (85%)



- Cyan (22%)
- Magenta (42%)
- Yellow (0%)
- Black (15%)



- Cyan (33%)
- Magenta (50%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB7FDA 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 AB7FDA by changing the saturation by 10% instead.



 AB7FDA

 AB7FDA

FFFFFF

 9065BE

 E4B4FF

 754DA3

 FFD0FF

 5B3588

 FFEDFF

 411E6E

 270655

 12003E

 000327

 000110

 000000

 AB7FDA

 AB7FDA

 A069DA

 B695DA

 9453DA


 C2ABDA

 893EDA

 CDC0DA

 7E28DA

 D8D6DA

 7312DA

 E3ECDA

 6900DA

 EFFFDA

 FAFFDA

 FFFFDA

# Harmonies

## Analogous

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



5A92EF



AB7FDA



D86EB3

# Triad

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



AB7FDA



C58537



00AAA2

# Complementary

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



AB7FDA



AEDA7F

# 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.



00A772



AB7FDA



9C952F

# Square

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



AB7FDA



E17357



69A147



00A7CE

# Rectangle

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



AB7FDA



E66893



69A147



00A992



# Sweetspot

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



AB7FDA



EEDEFF



7FAEDA



756B80



000000



808080



# Same Dimension

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



AB7FDA



BD80FF



D87FDA



68636E



5400AD



16002E



# Inverse Universe

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



DA7FAE



FF80C1



81DA7F



6E6368



AD005A



2E0018



# Previews

## White Background



This preview shows how the Hex color AB7FDA looks on a white background.

## Color Contrast Check

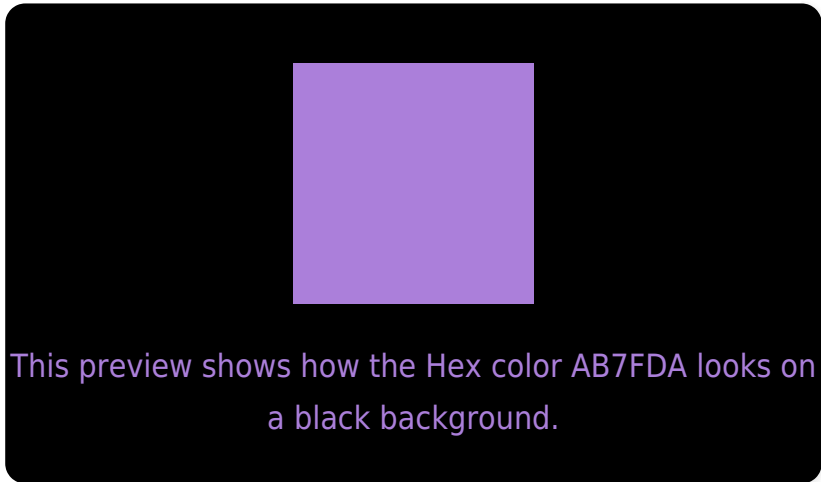
Large Text (above 18pt) WCAG AA ✓ Pass

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

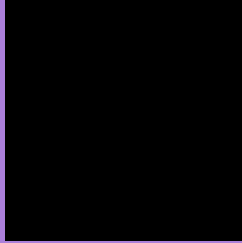
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AB7FDA Background



This preview shows how black text looks on a background with the Hex color AB7FDA.

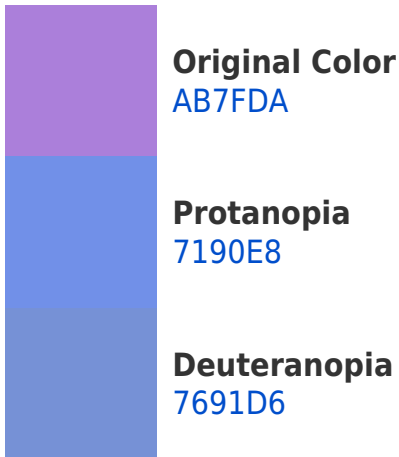


This preview shows how white text looks on a background with the Hex color AB7FDA.

# 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](#).

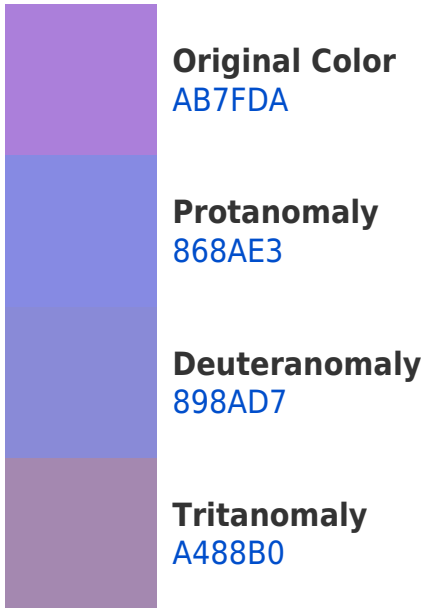
## Dichromacy



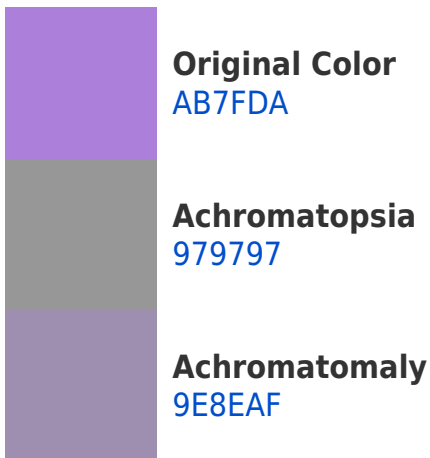


**Tritanopia**  
A08D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB7FDA 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 #AB7FDA looks like.

```
.text, #text, p{  
    color:#AB7FDA  
}
```

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 #AB7FDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB7FDA
}
```

## Border

The CSS property to change the border of an element to Hex AB7FDA 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
#AB7FDA }
```

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

```
.border{ border-color:#AB7FDA }
```

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

Here you see how a box with a 4 pixel #AB7FDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB7FDA; -webkit-box-shadow:4px 4px  
4px 4px #AB7FDA; box-shadow:4px 4px 4px  
4px #AB7FDA }
```

# Background

The CSS property to change the background color of an element to Hex AB7FDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB7FDA }
```

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

```
.background{ background-color:#AB7FDA }
```

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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