

# Converting Colors

Hex(AB8CFA)

Have a look what the booklet for  
Hex(AB8CFA) contains.

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# Color

**Hex(AB8CFA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB8CFA
RGB	171, 140, 250
RGB Percent	67%, 55%, 98%
CMY	0.3294, 0.4510, 0.0196
CMYK	0.32, 0.44, 0.00, 0.02
HSL	257°, 92%, 76%
HSV	257°, 44%, 98%
XYZ	43.4280, 34.3162, 94.7773
YIQ	161.8090, -16.8340, 40.7820

# Conversions

## Conversions Part 2

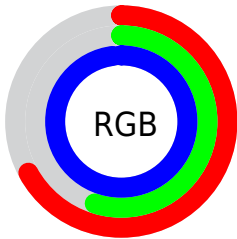
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 140, 250
Decimal	11242746
CIE <sub>Lab</sub>	65.21, 35.05, -50.94
CIE <sub>LCh</sub>	65, 61.833, 304.532
Yxy	34.3162, 0.2517, 0.1989
Android (android.graphics.Color)	4289432826 (0xFFAB8CFA)
YUV	161.8090, 43.4782, 8.0605
Hunter-Lab	58.5800, 29.8149, -54.9199

# Details

The Hex color **AB8CFA** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **DBFA8C**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **E5C2FF**, and **7359C1** is the 20% darker color. If you saturate the color by 10%, you get **9973FA**, and if you desaturate by 10%, it is **BDA5FA**.

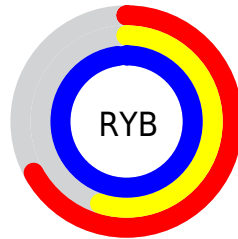
# Distribution



Red (67%)

Green (55%)

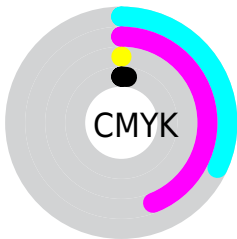
Blue (98%)



Red (67%)

Yellow (55%)

Blue (98%)

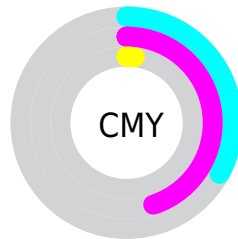


Cyan (32%)

Magenta (44%)

Yellow (0%)

Black (2%)



Cyan (33%)

Magenta (45%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB8CFA 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 AB8CFA by changing the saturation by 10% instead.



 AB8CFA

 AB8CFA

FFFFFF

 8F72DD

 E5C2FF

 7359C1

 FFDEFF

 5841A5

 FFFBFF

 3C2A8A

 1D1470

 000057

 00003F

 000328

 000112

 AB8CFA

 AB8CFA

 9973FA

 BDA5FA

 875AFA

 CFBEFA

 7541FA

 E1D7FA

 6328FA

 F3F0FA

 510FFA

 FFFFFA

 4600FA

# Harmonies

## Analogous

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



24A2FF



AB8CFA



E875CF

# Triad

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



AB8CFA



E08A37



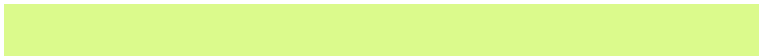
00B9A5

# Complementary

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



AB8CFA



DBFA8C

# 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.



04B56C



AB8CFA



B39E23

# Square

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



AB8CFA



FD7463



7AAD3C



00B8DC

# Rectangle

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



AB8CFA



FD6BAB



7AAD3C



00B892



# Sweetspot

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



AB8CFA



E7DEFF



8CDDFA



716B80



000000



808080



# Same Dimension

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



AB8CFA



9E78FF



E08CFA



74707D



3500BD



11003D



# Inverse Universe

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



FA8CDB



FF78D9



A6FA8C



7D7079



BD0088

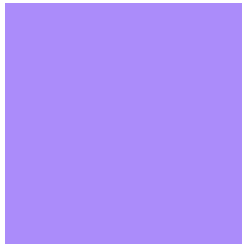


3D002C



# Previews

## White Background



This preview shows how the Hex color AB8CFA looks on a white background.

## Color Contrast Check

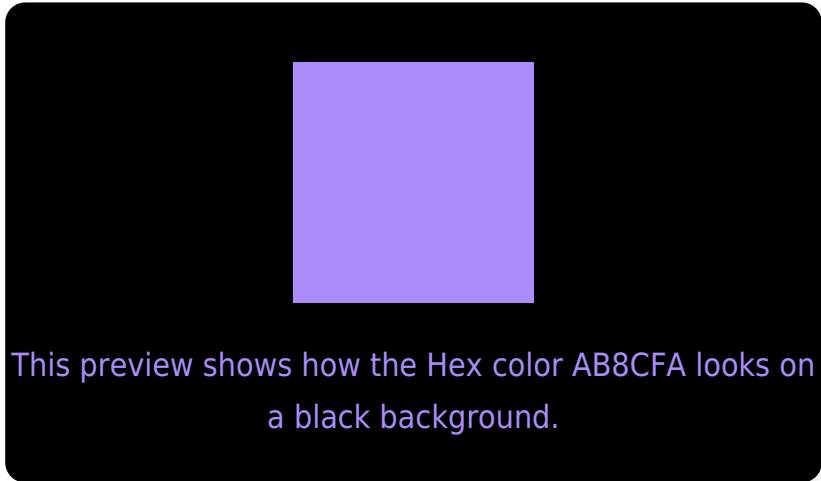
Large Text (above 18pt) WCAG AA × Fail

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

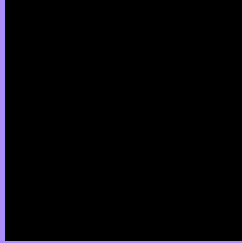
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AB8CFA Background



This preview shows how black text looks on a background with the Hex color AB8CFA.



This preview shows how white text looks on a background with the Hex color AB8CFA.

# 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](#).

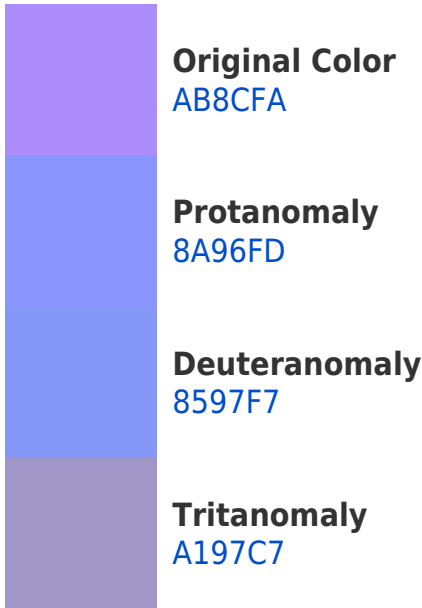
## Dichromacy



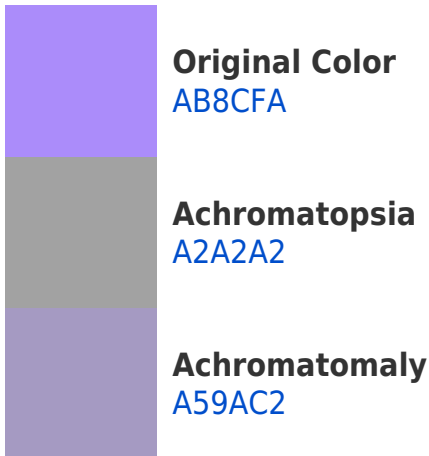


**Tritanopia**  
9B9EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB8CFA 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 #AB8CFA looks like.

```
.text, #text, p{  
    color:#AB8CFA  
}
```

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 #AB8CFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB8CFA
}
```

## Border

The CSS property to change the border of an element to Hex AB8CFA 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
#AB8CFA }
```

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

```
.border{ border-color:#AB8CFA }
```

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

Here you see how a box with a 4 pixel #AB8CFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB8CFA; -webkit-box-shadow:4px 4px  
4px 4px #AB8CFA; box-shadow:4px 4px 4px  
4px #AB8CFA }
```

# Background

The CSS property to change the background color of an element to Hex AB8CFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB8CFA }
```

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

```
.background{ background-color:#AB8CFA }
```

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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