

# Converting Colors

Hex(AB4BFE)

Have a look what the booklet for  
Hex(AB4BFE) contains.

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# Color

Hex(**AB4BFE**)

# Conversions

## Conversions Part 1

Format	Color
Hex	AB4BFE
RGB	171, 75, 254
RGB Percent	67%, 29%, 100%
CMY	0.3294, 0.7059, 0.0039
CMYK	0.33, 0.70, 0.00, 0.00
HSL	272°, 99%, 65%
HSV	272°, 70%, 100%
XYZ	37.2001, 20.8458, 95.8289
YIQ	124.1100, -0.2430, 76.0210

# Conversions

## Conversions Part 2

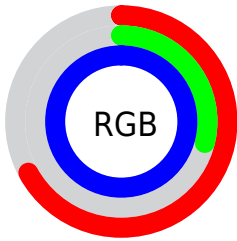
Format	Color
<a href="#">RYB</a>	<a href="#">171, 75, 254</a>
Decimal	<a href="#">11226110</a>
CIELab	<a href="#">52.78, 69.27, -73.08</a>
CIElCh	<a href="#">53, 100.693, 313.469</a>
Yxy	<a href="#">20.8458, 0.2418, 0.1355</a>
Android (android.graphics.Color)	<a href="#">4289416190</a> ( <a href="#">0xFFAB4BFE</a> )
YUV	<a href="#">124.1100, 64.0358, 41.1225</a>
Hunter-Lab	<a href="#">45.6572, 65.5359, -92.4823</a>

# Details

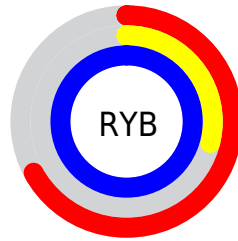
The Hex color **AB4BFE** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **9EFE4B**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **E783FF**, and **6F02C4** is the 20% darker color. If you saturate the color by 10%, you get **9F32FE**, and if you desaturate by 10%, it is **B764FE**.

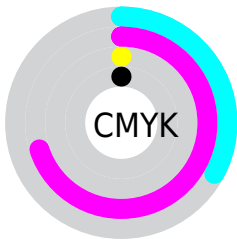
# Distribution



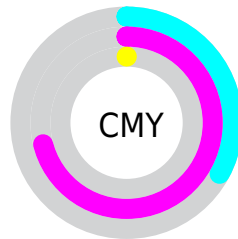
- Red (67%)
- Green (29%)
- Blue (100%)



- Red (67%)
- Yellow (29%)
- Blue (100%)



- Cyan (33%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (71%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB4BFE 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 AB4BFE by changing the saturation by 10% instead.



 AB4BFE

 AB4BFE

FFFFFF

 8D2DE1

 E783FF

 6F02C4

 FF9FFF

 5100A8

 FFBBFF

 30008D

 FFD8FF

 000072

 FFF6FF

 000059

 000740

 000329

 000113

 AB4BFE

 AB4BFE

 9F32FE

 B764FE

 9318FE

 C37EFE

 8800FE

 CE97FE

 DAB1FE

 E6CAFE

 F2E3FE

 FDFDFE

FFFFFFE

# Harmonies

## Analogous

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



007EFF



AB4BFE



FA00B1

# Triad

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



AB4BFE



C06800



00A0A4

# Complementary

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



AB4BFE



9EFE4B

# 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.



009D48



AB4BFE



768700

# Square

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



AB4BFE



F52700



009600



009FF5

# Rectangle

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



AB4BFE



FF0078



009600



009F86



# Sweetspot

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



AB4BFE



E6C9FF



4B9FFE



716080



000000



808080



# Same Dimension

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



AB4BFE



9A26FF



FE4BF8



7A7380



6700BF



220040



# Inverse Universe

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



FE4B9E



FF268B



4BFE51



807379



BF0059

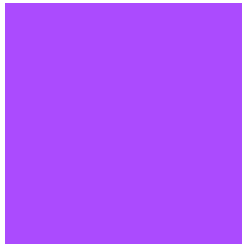


40001E



# Previews

## White Background



This preview shows how the Hex color AB4BFE looks on a white background.

## Color Contrast Check

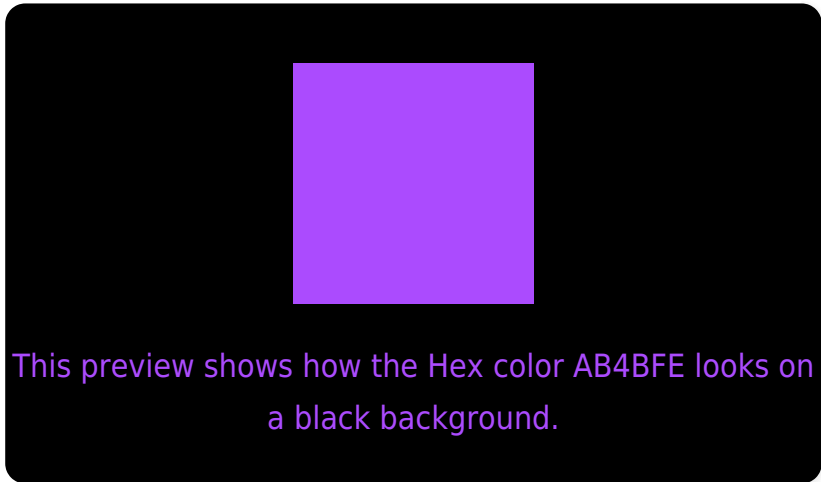
Large Text (above 18pt) WCAG AA ✓ Pass

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

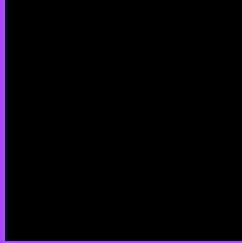
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AB4BFE Background



This preview shows how black text looks on a background with the Hex color AB4BFE.

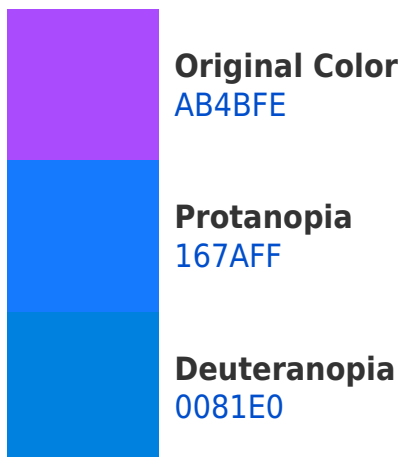



This preview shows how white text looks on a background with the Hex color AB4BFE.

# 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](#).

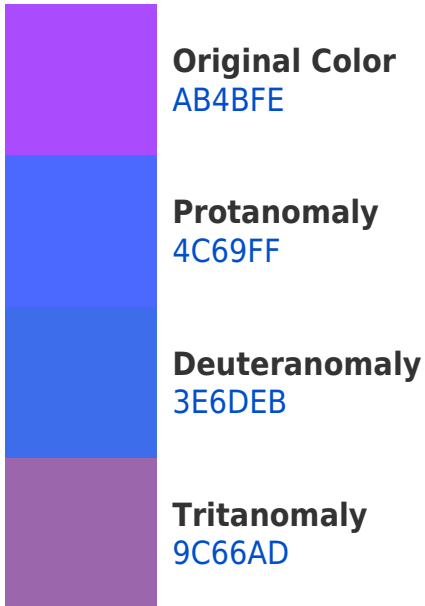
## Dichromacy



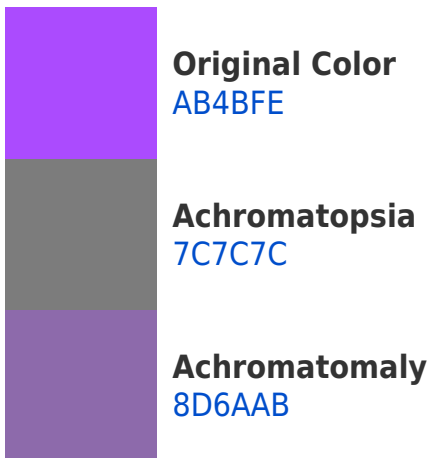


**Tritanopia**  
93767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB4BFE 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 #AB4BFE looks like.

```
.text, #text, p{  
    color:#AB4BFE  
}
```

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 #AB4BFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB4BFE
}
```

## Border

The CSS property to change the border of an element to Hex AB4BFE 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".

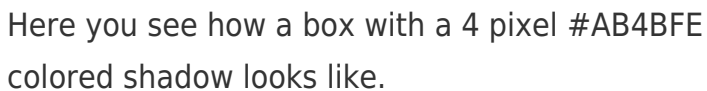
```
.border, #border, table{ border:4px solid
#AB4BFE }
```

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

```
.border{ border-color:#AB4BFE }
```

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

Here you see how a box with a 4 pixel #AB4BFE colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and the shadow is cast to the right and slightly downwards.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB4BFE; -webkit-box-shadow:4px 4px  
4px 4px #AB4BFE; box-shadow:4px 4px 4px  
4px #AB4BFE }
```

# Background

The CSS property to change the background color of an element to Hex AB4BFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB4BFE }
```

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

```
.background{ background-color:#AB4BFE }
```

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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