

# Converting Colors

Hex(AB4FE0)

Have a look what the booklet for  
Hex(AB4FE0) contains.

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# Color

Hex(**AB4FE0**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB4FE0
RGB	171, 79, 224
RGB Percent	67%, 31%, 88%
CMY	0.3294, 0.6902, 0.1216
CMYK	0.24, 0.65, 0.00, 0.12
HSL	278°, 70%, 59%
HSV	278°, 65%, 88%
XYZ	33.0451, 19.6317, 72.5686
YIQ	123.0380, 8.2870, 64.5990

# Conversions

## Conversions Part 2

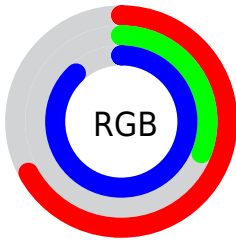
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 79, 224
Decimal	11227104
CIELab	51.42, 60.99, -58.46
CIElCh	51, 84.481, 316.211
Yxy	19.6317, 0.2638, 0.1567
Android (android.graphics.Color)	4289417184 (0xFFAB4FE0)
YUV	123.0380, 49.7743, 42.0627
Hunter-Lab	44.3077, 55.5886, -66.0918

# Details

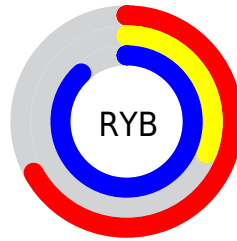
The Hex color **AB4FE0** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **84E04F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **E685FF**, and **7212A8** is the 20% darker color. If you saturate the color by 10%, you get **A339E0**, and if you desaturate by 10%, it is **B365E0**.

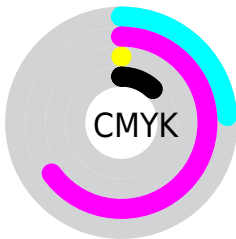
# Distribution



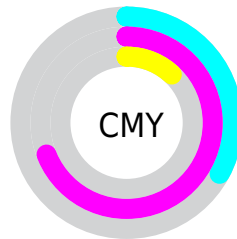
- Red (67%)
- Green (31%)
- Blue (88%)



- Red (67%)
- Yellow (31%)
- Blue (88%)



- Cyan (24%)
- Magenta (65%)
- Yellow (0%)
- Black (12%)



- Cyan (33%)
- Magenta (69%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB4FE0 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 AB4FE0 by changing the saturation by 10% instead.



 AB4FE0

 AB4FE0

FFFFFF

 8E33C4

 E685FF

 7212A8

 FFA1FF

 56008D

 FFBDFE

 390072

 FFDAFF

 1D0059

 FFF7FF

 000041

 00032A

 000114

 000000

 AB4FE0

 AB4FE0

 A339E0

 B365E0

 9B22E0

 BB7CE0

 920CE0

 C492E0

 8E00E0

 CCA9E0

 D4BFE0

 DCD5E0

 E4ECE0

 EDFFE0

 F5FFE0

# Harmonies

## Analogous

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



0077FF



AB4FE0



E7049F

# Triad

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



AB4FE0



B06B00



0098A1

# Complementary

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



AB4FE0



84E04F

# 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.



009655



AB4FE0



718300

# Square

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



AB4FE0



DF4307



009000



0097E3

# Rectangle

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



AB4FE0



F5006F



009000



009888



# Sweetspot

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



AB4FE0



EDCFFF



4F84E0



756280



000000



808080



# Same Dimension

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



AB4FE0



B638FF



E04FCD



6C6570



7000B0



1F0030



# Inverse Universe

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



E04F84



FF3881



4FE062



706569



B00040

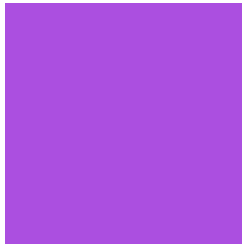


300012



# Previews

## White Background



This preview shows how the Hex color AB4FE0 looks on a white background.

## Color Contrast Check

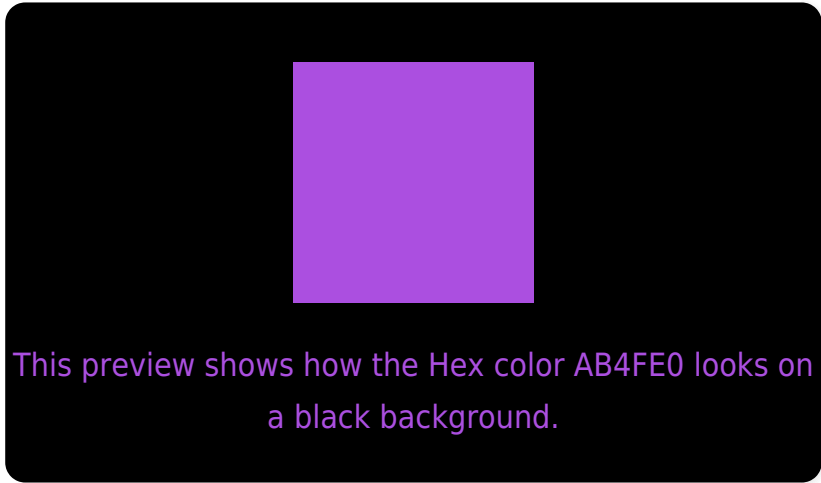
Large Text (above 18pt) WCAG AA ✓ Pass

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

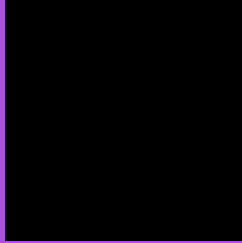
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AB4FE0 Background



This preview shows how black text looks on a background with the Hex color AB4FE0.



This preview shows how white text looks on a background with the Hex color AB4FE0.

# 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](#).

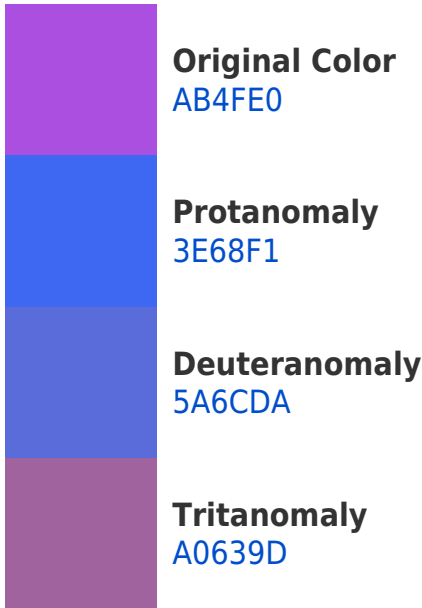
## Dichromacy





**Tritanopia**  
9A6F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB4FE0 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 #AB4FE0 looks like.

```
.text, #text, p{  
    color:#AB4FE0  
}
```

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 #AB4FE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB4FE0
}
```

## Border

The CSS property to change the border of an element to Hex AB4FE0 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
#AB4FE0 }
```

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

```
.border{ border-color:#AB4FE0 }
```

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

Here you see how a box with a 4 pixel #AB4FE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB4FE0; -webkit-box-shadow:4px 4px  
4px 4px #AB4FE0; box-shadow:4px 4px 4px  
4px #AB4FE0 }
```

# Background

The CSS property to change the background color of an element to Hex AB4FE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB4FE0 }
```

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

```
.background{ background-color:#AB4FE0 }
```

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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