

# Converting Colors

Hex(ABA9EF)

Have a look what the booklet for  
Hex(ABA9EF) contains.

<b>Hex(ABA9EF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(**ABA9EF**)

# Conversions

## Conversions Part 1

Format	Color
Hex	ABA9EF
RGB	171, 169, 239
RGB Percent	67%, 66%, 94%
CMY	0.3294, 0.3373, 0.0627
CMYK	0.28, 0.29, 0.00, 0.06
HSL	242°, 69%, 80%
HSV	242°, 29%, 94%
XYZ	46.5625, 43.2659, 87.5584
YIQ	177.5780, -21.2780, 22.1940

# Conversions

## Conversions Part 2

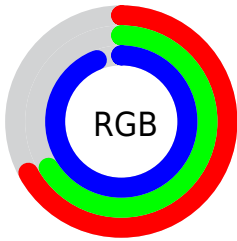
Format	Color
R <sub>Y</sub> B	171, 169, 239
Decimal	11250159
CIE Lab	71.74, 15.99, -34.72
CIE LCh	72, 38.222, 294.728
Yxy	43.2659, 0.2625, 0.2439
Android (android.graphics.Color)	4289440239 (0xFFABA9EF)
YUV	177.5780, 30.2810, -5.7689
Hunter-Lab	65.7768, 11.2485, -32.8798

# Details

The Hex color **ABA9EF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EDEFA9**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **E4E0FF**, and **7575B7** is the 20% darker color. If you saturate the color by 10%, you get **9491EF**, and if you desaturate by 10%, it is **C2C1EF**.

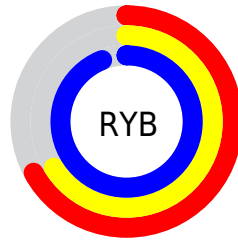
# Distribution



Red (67%)

Green (66%)

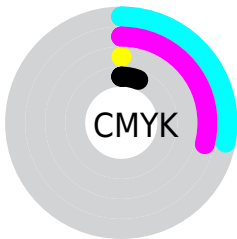
Blue (94%)



Red (67%)

Yellow (66%)

Blue (94%)

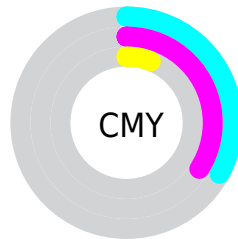


Cyan (28%)

Magenta (29%)

Yellow (0%)

Black (6%)



Cyan (33%)

Magenta (34%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABA9EF 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 ABA9EF by changing the saturation by 10% instead.



 ABA9EF

 ABA9EF

FFFFFF

 908FD3

 E4E0FF

 7575B7

 FFFDFD

 5B5C9C

 414581

 272F68

 071A4F

 000038

 000222

 000008

 ABA9EF

 ABA9EF

 9491EF

 C2C1EF

 7D79EF

 D9D9EF

 6561EF

 F1F1EF

 4E49EF

 FFFFEF

 3731EF

 201AEF

 0802EF

 0700EF

# Harmonies

## Analogous

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



73B5F5



ABA9EF



D69DD8

# Triad

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



ABA9EF



E79F78



52C2A8

# Complementary

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



ABA9EF



EDEFA9

# 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.



81BE86



ABA9EF



CCAC6A

# Square

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



ABA9EF



F49694



A9B66F



22C2CC

# Rectangle

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



ABA9EF



E997C3



A9B66F



63C19C



# Sweetspot

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



ABA9EF



E9E8FF



A9EEEF



727180



000000



808080



# Same Dimension

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



ABA9EF



A8A6FF



CDA9EF



6C6C78



0500B8



020038



# Inverse Universe

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



EFA9ED



FFA6FC



CBEFA9



786C78



B800B2

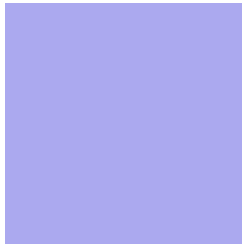


380036



# Previews

## White Background



This preview shows how the Hex color ABA9EF looks on a white background.

## Color Contrast Check

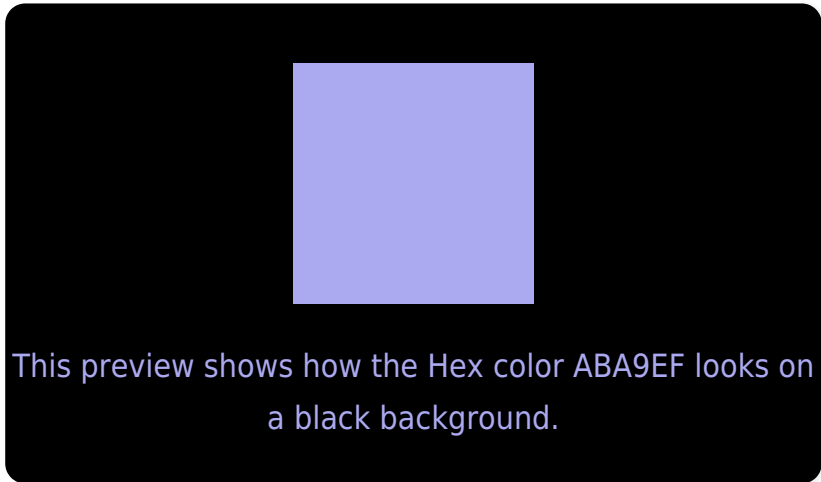
Large Text (above 18pt) WCAG AA × Fail

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

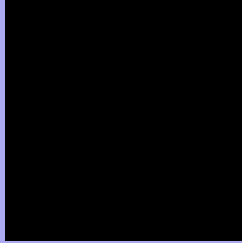
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ABA9EF Background



This preview shows how black text looks on a background with the Hex color ABA9EF.



This preview shows how white text looks on a background with the Hex color ABA9EF.

# 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](#).

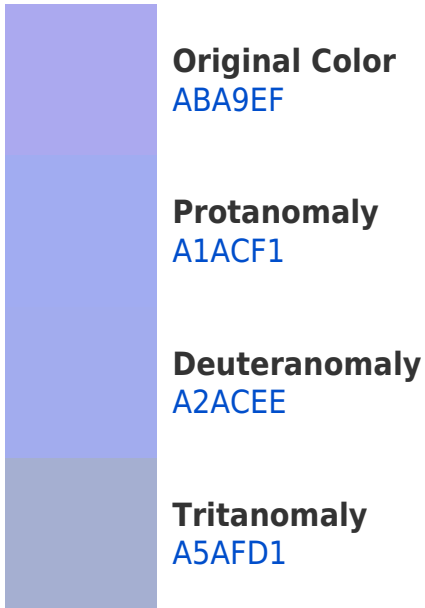
## Dichromacy



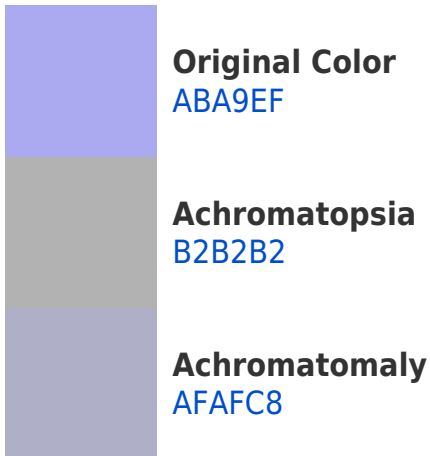


**Tritanopia**  
A1B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABA9EF 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 #ABA9EF looks like.

```
.text, #text, p{  
    color:#ABA9EF  
}
```

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 #ABA9EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABA9EF
}
```

## Border

The CSS property to change the border of an element to Hex ABA9EF 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
#ABA9EF }
```

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

```
.border{ border-color:#ABA9EF }
```

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

Here you see how a box with a 4 pixel #ABA9EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABA9EF; -webkit-box-shadow:4px 4px  
4px 4px #ABA9EF; box-shadow:4px 4px 4px  
4px #ABA9EF }
```

# Background

The CSS property to change the background color of an element to Hex ABA9EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABA9EF }
```

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

```
.background{ background-color:#ABA9EF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor