

# Converting Colors

Hex(A9B5EF)

Have a look what the booklet for  
Hex(A9B5EF) contains.

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# **Color**

**Hex(A9B5EF)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | A9B5EF                      |
| RGB         | 169, 181, 239               |
| RGB Percent | 66%, 71%, 94%               |
| CMY         | 0.3373, 0.2902, 0.0627      |
| CMYK        | 0.29, 0.24, 0.00, 0.06      |
| HSL         | 230°, 69%, 80%              |
| HSV         | 230°, 29%, 94%              |
| XYZ         | 48.4660, 47.7148, 88.3168   |
| YIQ         | 184.0240, -25.7700, 15.4940 |

# Conversions

## Conversions Part 2

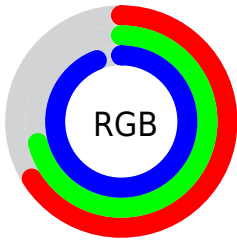
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">169, 179, 239</a>                                |
| Decimal                             | <a href="#">11122159</a>                                     |
| CIELab                              | <a href="#">74.64, 8.75, -30.24</a>                          |
| CIELCh                              | <a href="#">75, 31.475, 286.135</a>                          |
| Yxy                                 | <a href="#">47.7148, 0.2627, 0.2586</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4289312239</a><br>( <a href="#">0xFFA9B5EF</a> ) |
| YUV                                 | <a href="#">184.0240, 27.1032, -13.1760</a>                  |
| Hunter-Lab                          | <a href="#">69.0759, 4.3591, -27.4520</a>                    |

# Details

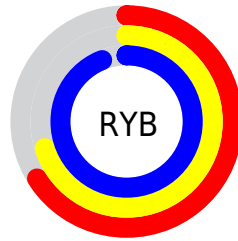
The Hex color **A9B5EF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EFE3A9**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **E1EDFF**, and **7380B7** is the 20% darker color. If you saturate the color by 10%, you get **91A1EF**, and if you desaturate by 10%, it is **C1C9EF**.

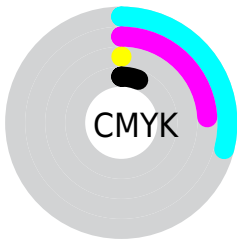
# Distribution



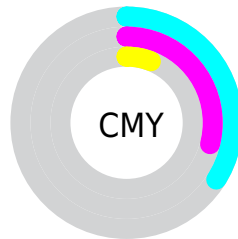
- Red (66%)
- Green (71%)
- Blue (94%)



- Red (66%)
- Yellow (70%)
- Blue (94%)



- Cyan (29%)
- Magenta (24%)
- Yellow (0%)
- Black (6%)



- Cyan (34%)
- Magenta (29%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9B5EF 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 A9B5EF by changing the saturation by 10% instead.




 A9B5EF

 A9B5EF

FFFFFF

 8E9AD3

 E1EDFF

 7380B7

 59679C

 3F4F82

 253968

 052450

 000E39

 000223

 000009

 A9B5EF


 A9B5EF

 91A1EF

 C1C9EF

 798DEF


 D9DDEF

 617AEF

 F1F0EF

 4966EF

 FFFFEF

 3152EF

 1A3EEF

 022AEF

 0029EF

# Harmonies

## Analogous

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



7EBEEF



A9B5EF



CFABE0

# Triad

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



A9B5EF



EBA88F



7AC7A9

# Complementary

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



A9B5EF



EFE3A9

# 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.



9BC28F



A9B5EF



D8B180

# Square

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



A9B5EF



F2A2A9



BCBB80



60C8C7

# Rectangle

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



A9B5EF



E2A5D0



BCBB80



85C69F



# Sweetspot

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



A9B5EF



E8ECFF



A9EFE2



717480



000000



808080



# Same Dimension

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



A9B5EF



A6B5FF



BFA9EF



6C6E78



001FB8



000A38



# Inverse Universe

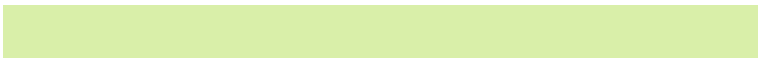
The Inverse Universe completely reimagines the original color for something new.



EFA9B5



FFA6B5



D9EFA9



786C6E



B8001F

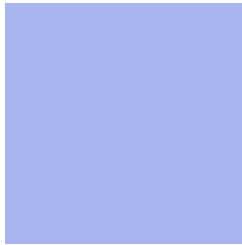


38000A



# Previews

## White Background



This preview shows how the Hex color A9B5EF looks on a white background.

## Color Contrast Check

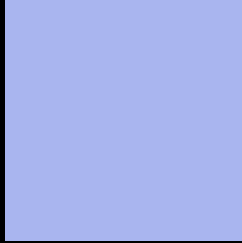
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color A9B5EF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

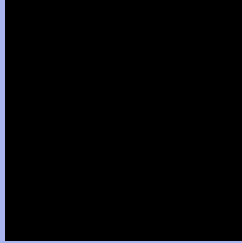
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A9B5EF Background



This preview shows how black text looks on a background with the Hex color A9B5EF.



This preview shows how white text looks on a background with the Hex color A9B5EF.

# 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



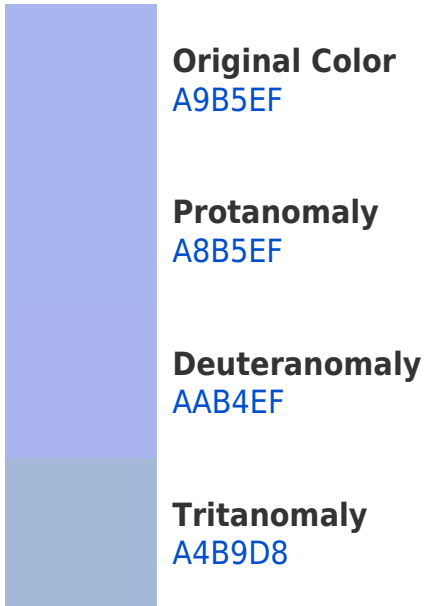
**Original Color**  
A9B5EF

**Protanopia**  
A8B5EF

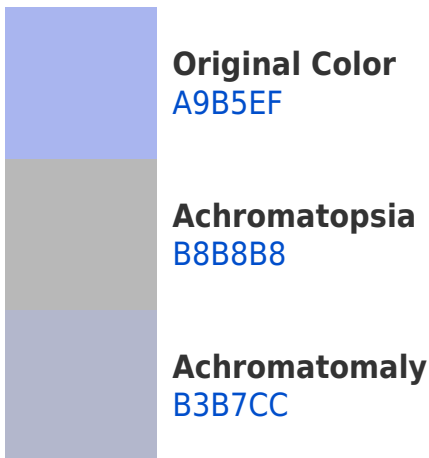
**Deuteranopia**  
ABB4EF



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9B5EF 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 #A9B5EF looks like.

```
.text, #text, p{  
    color:#A9B5EF  
}
```

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 #A9B5EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9B5EF
}
```

## Border

The CSS property to change the border of an element to Hex A9B5EF 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
#A9B5EF }
```

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

```
.border{ border-color:#A9B5EF }
```

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

Here you see how a box with a 4 pixel #A9B5EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9B5EF; -webkit-box-shadow:4px 4px  
4px 4px #A9B5EF; box-shadow:4px 4px 4px  
4px #A9B5EF }
```

# Background

The CSS property to change the background color of an element to Hex A9B5EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9B5EF }
```

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

```
.background{ background-color:#A9B5EF }
```

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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