

Converting Colors

Hex(A8B6EF)

Have a look what the booklet for
Hex(A8B6EF) contains.

| | |
|--|----|
| Hex(A8B6EF) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(A8B6EF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A8B6EF |
| RGB | 168, 182, 239 |
| RGB Percent | 66%, 71%, 94% |
| CMY | 0.3412, 0.2863, 0.0627 |
| CMYK | 0.30, 0.24, 0.00, 0.06 |
| HSL | 228°, 69%, 80% |
| HSV | 228°, 30%, 94% |
| XYZ | 48.4564, 48.0127, 88.3748 |
| YIQ | 184.3120, -26.6410, 14.7590 |

Conversions

Conversions Part 2

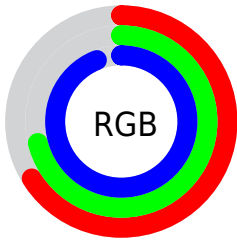
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 168, 180, 239 |
| Decimal | 11056879 |
| CIE Lab | 74.83, 7.91, -29.95 |
| CIE LCh | 75, 30.978, 284.791 |
| Yxy | 48.0127, 0.2621, 0.2597 |
| Android (android.graphics.Color) | 4289246959 (0xFFA8B6EF) |
| YUV | 184.3120, 26.9612, -14.3056 |
| Hunter-Lab | 69.2912, 3.5681, -27.1153 |

Details

The Hex color **A8B6EF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EFE1A8**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **E0EEFF**, and **7281B7** is the 20% darker color. If you saturate the color by 10%, you get **90A3EF**, and if you desaturate by 10%, it is **C0C9EF**.

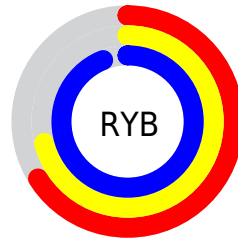
Distribution



Red (66%)

Green (71%)

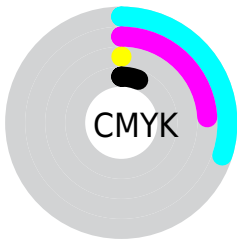
Blue (94%)



Red (66%)

Yellow (71%)

Blue (94%)

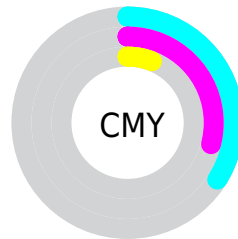


Cyan (30%)

Magenta (24%)

Yellow (0%)

Black (6%)



Cyan (34%)

Magenta (29%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color A8B6EF 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 A8B6EF by changing the saturation by 10% instead.

 A8B6EF

 A8B6EF

FFFFFF

 8D9BD3

 E0EEFF

 7281B7

FEFFFF

 58689C

 3E5082

 243A68

 032450

 000F39

 000223

 000009

 A8B6EF

 A8B6EF

 90A3EF

 C0C9EF

 7890EF


 D8DCEF

 607CEF

 F0F0EF

 4869EF

 FFFFEF

 3156EF

 1943EF

 0130EF

 002FEF

Harmonies

Analogous

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



7EBFEF



A8B6EF



CEACE1

Triad

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



A8B6EF



ECA891



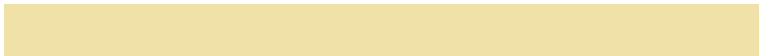
7DC7A8

Complementary

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



A8B6EF



EFE1A8

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.



9EC28F



A8B6EF



D9B182

Square

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



A8B6EF



F1A3AB



BEBB81



63C8C6

Rectangle

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



A8B6EF



E1A7D1



BEBB81



88C69F

Sweetspot

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



A8B6EF



E8EDFF



A8EFE1



717480



000000



808080

Same Dimension

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



A8B6EF



A3B5FF



BDA8EF



6C6E78



0024B8



000B38

Inverse Universe

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



EFA8B6



FFA3B5



DAEFA8



786C6E



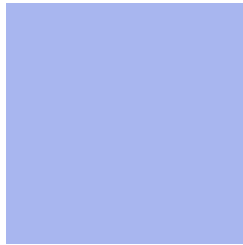
B80024



38000B

Previews

White Background



This preview shows how the Hex color A8B6EF looks on a white background.

Color Contrast Check

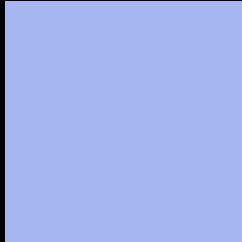
Large Text (above 18pt) WCAG AA × Fail

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 A8B6EF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

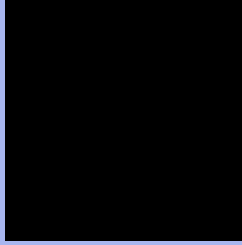
Any Text WCAG AA ✓ Pass

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 A8B6EF Background



This preview shows how black text looks on a background with the Hex color A8B6EF.



This preview shows how white text looks on a background with the Hex color A8B6EF.

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

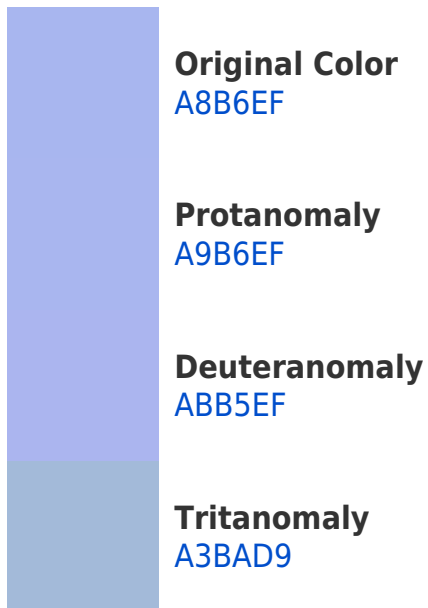


Original Color
A8B6EF

Protanopia
A9B6EF

Deuteranopia
ACB5EF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A8B6EF 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 #A8B6EF looks like.

```
.text, #text, p{  
    color:#A8B6EF  
}
```

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 #A8B6EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8B6EF
}
```

Border

The CSS property to change the border of an element to Hex A8B6EF 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
#A8B6EF }
```

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

```
.border{ border-color:#A8B6EF }
```

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

Here you see how a box with a 4 pixel #A8B6EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8B6EF; -webkit-box-shadow:4px 4px  
4px 4px #A8B6EF; box-shadow:4px 4px 4px  
4px #A8B6EF }
```

Background

The CSS property to change the background color of an element to Hex A8B6EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8B6EF }
```

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

```
.background{ background-color:#A8B6EF }
```

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