

Converting Colors

Hex(A3B3EF)

Have a look what the booklet for
Hex(A3B3EF) contains.

Hex(A3B3EF)	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(A3B3EF)

Conversions

Conversions Part 1

Format	Color
Hex	A3B3EF
RGB	163, 179, 239
RGB Percent	64%, 70%, 94%
CMY	0.3608, 0.2980, 0.0627
CMYK	0.32, 0.25, 0.00, 0.06
HSL	227°, 70%, 79%
HSV	227°, 32%, 94%
XYZ	46.8043, 46.2587, 88.1233
YIQ	181.0560, -28.7960, 15.2680

Conversions

Conversions Part 2

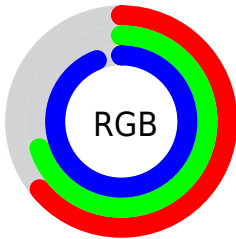
Format	Color
RYB	163, 176, 239
Decimal	10728431
CIELab	73.71, 8.14, -31.71
CIElCh	74, 32.735, 284.406
Yxy	46.2587, 0.2583, 0.2553
Android (android.graphics.Color)	4288918511 (0xFFA3B3EF)
YUV	181.0560, 28.5664, -15.8351
Hunter-Lab	68.0138, 3.8124, -29.2106

Details

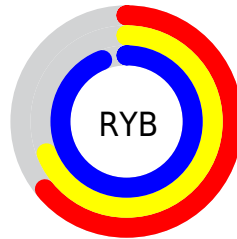
The Hex color **A3B3EF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EFDFA3**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **DBEBFF**, and **6D7EB7** is the 20% darker color. If you saturate the color by 10%, you get **8BA0EF**, and if you desaturate by 10%, it is **BBC6EF**.

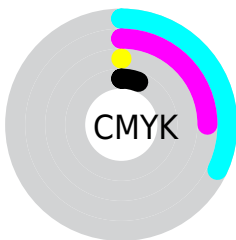
Distribution



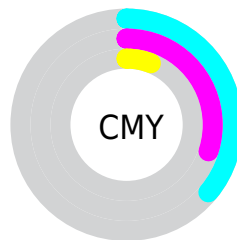
- Red (64%)
- Green (70%)
- Blue (94%)



- Red (64%)
- Yellow (69%)
- Blue (94%)



- Cyan (32%)
- Magenta (25%)
- Yellow (0%)
- Black (6%)



- Cyan (36%)
- Magenta (30%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3B3EF 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 A3B3EF by changing the saturation by 10% instead.

 A3B3EF

 A3B3EF

FFFFFF

 8898D3

 DBEBFF

 6D7EB7

 F8FFFF

 53669C

 394E82

 1D3768

 002250

 000C39

 000222

 000009

 A3B3EF

 A3B3EF

 8BA0EF

 BBC6EF

 738DEF

 D3D9EF

 5B7AEF

 EBCEEF

 4368EF

 FFFEEF

 2B55EF

 FFFFEF

 1442EF

 0032EF

Harmonies

Analogous

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



76BDEE



A3B3EF



CBA8E0

Triad

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



A3B3EF



EBA48C



76C5A4

Complementary

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



A3B3EF



EFDFA3

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.



9AC089



A3B3EF



D8AE7C

Square

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



A3B3EF



F19FA8



BBB87A



58C6C3

Rectangle

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



A3B3EF



DFA2D0



BBB87A



82C39A

Sweetspot

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



A3B3EF



E6EBFF



A3EFDf



707380



000000



808080

Same Dimension

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



A3B3EF



9EB3FF



B9A3EF



6C6E78



0027B8



000C38

Inverse Universe

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



EFA3B3



FF9EB3



D9EFA3



786C6E



B80027



38000C

Previews

White Background



This preview shows how the Hex color A3B3EF looks on a white background.

Color Contrast Check

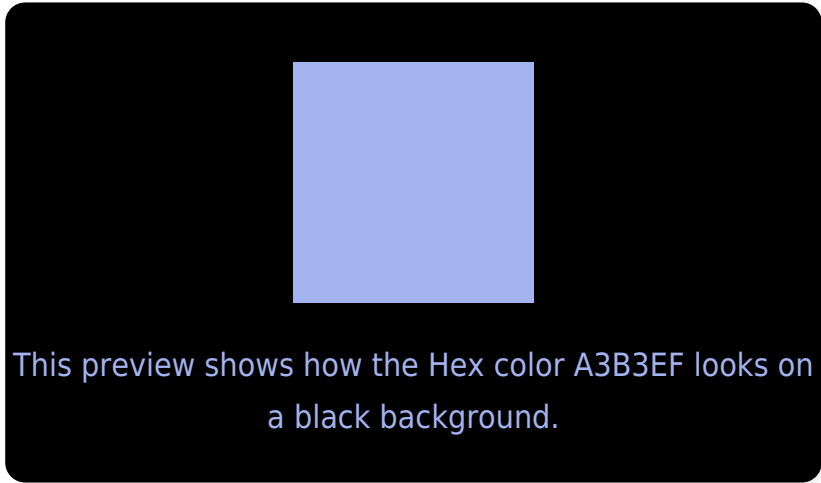
Large Text (above 18pt) WCAG AA × Fail

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

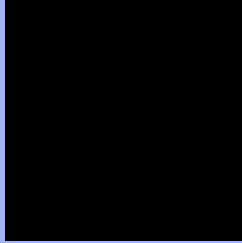
Any Text WCAG AA ✓ Pass

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 A3B3EF Background



This preview shows how black text looks on a background with the Hex color A3B3EF.



This preview shows how white text looks on a background with the Hex color A3B3EF.

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

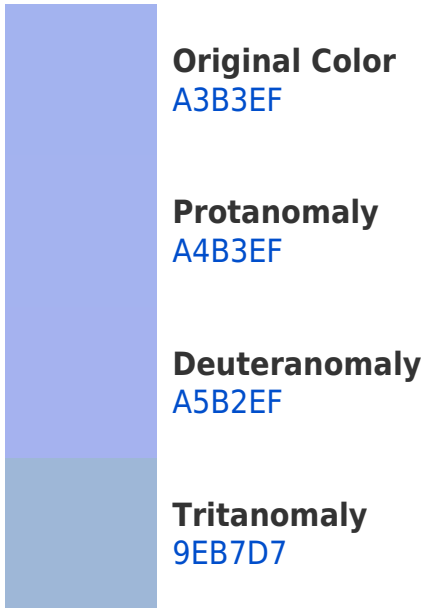


Original Color
A3B3EF

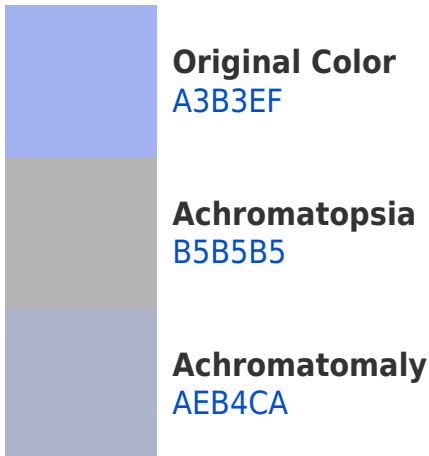
Protanopia
A4B3EF

Deuteranopia
A6B2EF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A3B3EF 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 #A3B3EF looks like.

```
.text, #text, p{  
    color:#A3B3EF  
}
```

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 #A3B3EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3B3EF
}
```

Border

The CSS property to change the border of an element to Hex A3B3EF 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
#A3B3EF }
```

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

```
.border{ border-color:#A3B3EF }
```

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

Here you see how a box with a 4 pixel #A3B3EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3B3EF; -webkit-box-shadow:4px 4px  
4px 4px #A3B3EF; box-shadow:4px 4px 4px  
4px #A3B3EF }
```

Background

The CSS property to change the background color of an element to Hex A3B3EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3B3EF }
```

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

```
.background{ background-color:#A3B3EF }
```

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