

Converting Colors

Hex(A3B0E9)

Have a look what the booklet for
Hex(A3B0E9) contains.

Hex(A3B0E9)	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(A3B0E9)

Conversions

Conversions Part 1

Format	Color
Hex	A3B0E9
RGB	163, 176, 233
RGB Percent	64%, 69%, 91%
CMY	0.3608, 0.3098, 0.0863
CMYK	0.30, 0.24, 0.00, 0.09
HSL	229°, 61%, 78%
HSV	229°, 30%, 91%
XYZ	45.3376, 44.7204, 83.3331
YIQ	178.6110, -26.0450, 14.9710

Conversions

Conversions Part 2

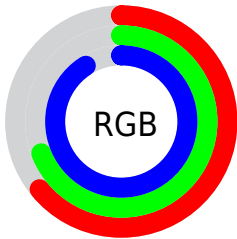
Format	Color
R_{YB}	163, 174, 233
Decimal	10727657
CIE _{Lab}	72.71, 8.31, -30.00
CIE _{LCh}	73, 31.129, 285.484
Yxy	44.7204, 0.2615, 0.2579
Android (android.graphics.Color)	4288917737 (0xFFA3B0E9)
YUV	178.6110, 26.8138, -13.6908
Hunter-Lab	66.8733, 3.9880, -27.0720

Details

The Hex color **A3B0E9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E9DCA3**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **DBE7FF**, and **6D7CB1** is the 20% darker color. If you saturate the color by 10%, you get **8C9DE9**, and if you desaturate by 10%, it is **BAC3E9**.

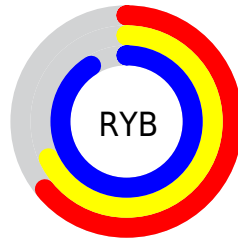
Distribution



Red (64%)

Green (69%)

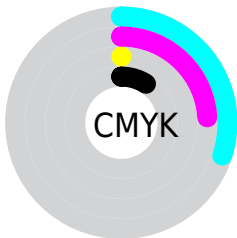
Blue (91%)



Red (64%)

Yellow (68%)

Blue (91%)

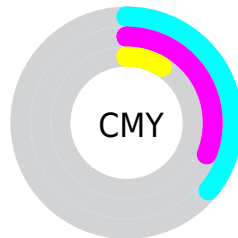


Cyan (30%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (36%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3B0E9 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 A3B0E9 by changing the saturation by 10% instead.

 A3B0E9

 A3B0E9

FFFFFF

 8895CD

 DBE7FF

 6D7CB1

 F8FFFF

 536396

 3A4B7C

 1F3563

 00204B

 000734

 00021E

 000000

 A3B0E9

 A3B0E9

 8C9DE9

 BAC3E9

 748AE9

 D2D6E9

 5D77E9

 E9E9E9

 4664E9

 FFFCE9

 2E51E9

 FFFF E9

 173EE9

 002BE9

Harmonies

Analogous

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



79B9E9



A3B0E9



C9A6DB

Triad

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



A3B0E9



E6A38B



76C1A3

Complementary

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



A3B0E9



E9DCA3

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.



97BD8A



A3B0E9



D3AC7C

Square

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



A3B0E9



EC9DA4



B7B57B



5CC2C1

Rectangle

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



A3B0E9



DBA1CB



B7B57B



81C09A

Sweetspot

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



A3B0E9



E8ECFF



A3E9DB



717480



000000



808080

Same Dimension

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



A3B0E9



A3B4FF



B8A3E9



6A6C75



0022B5



000A36

Inverse Universe

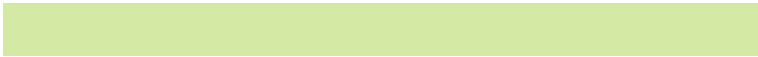
The Inverse Universe completely reimagines the original color for something new.



E9A3B0



FFA3B4



D4E9A3



756A6C



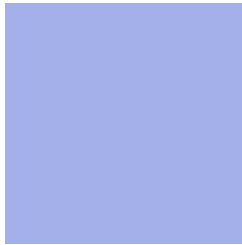
B50022



36000A

Previews

White Background



This preview shows how the Hex color A3B0E9 looks on a white background.

Color Contrast Check

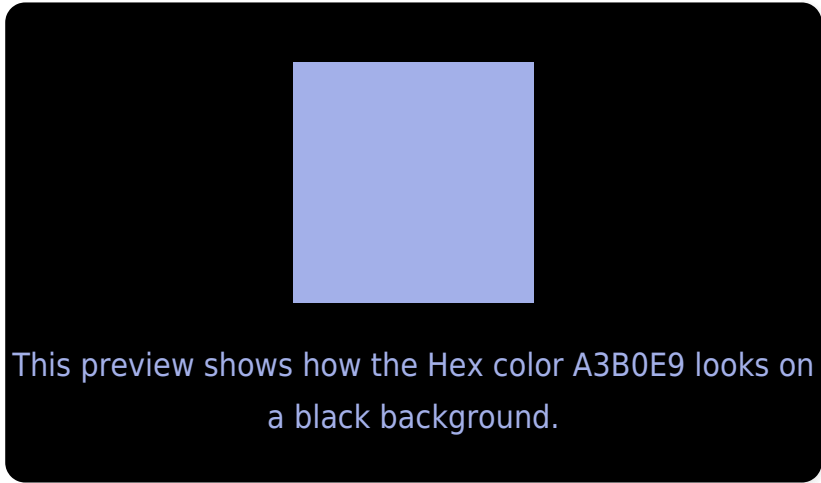
Large Text (above 18pt) WCAG AA × Fail

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

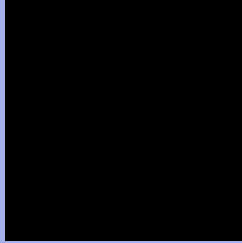
Any Text WCAG AA ✓ Pass

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 A3B0E9 Background



This preview shows how black text looks on a background with the Hex color A3B0E9.



This preview shows how white text looks on a background with the Hex color A3B0E9.

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

A3B0E9

Protanopia

A3B0E9

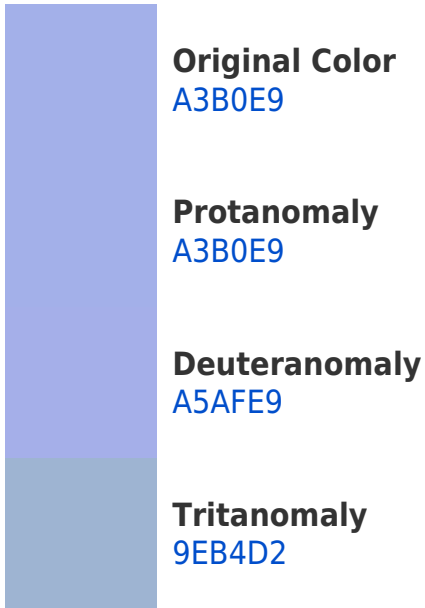
Deuteranopia

A6AFE9

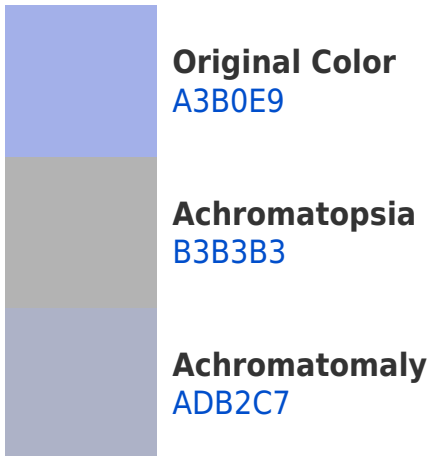


Tritanopia
9BB7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A3B0E9 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 #A3B0E9 looks like.

```
.text, #text, p{  
    color:#A3B0E9  
}
```

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 #A3B0E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3B0E9
}
```

Border

The CSS property to change the border of an element to Hex A3B0E9 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
#A3B0E9 }
```

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

```
.border{ border-color:#A3B0E9 }
```

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

Here you see how a box with a 4 pixel #A3B0E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3B0E9; -webkit-box-shadow:4px 4px  
4px 4px #A3B0E9; box-shadow:4px 4px 4px  
4px #A3B0E9 }
```

Background

The CSS property to change the background color of an element to Hex A3B0E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3B0E9 }
```

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

```
.background{ background-color:#A3B0E9 }
```

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