

# Converting Colors

Hex(A4B9EE)

Have a look what the booklet for  
Hex(A4B9EE) contains.

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# Color

**Hex(A4B9EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4B9EE
RGB	164, 185, 238
RGB Percent	64%, 73%, 93%
CMY	0.3569, 0.2745, 0.0667
CMYK	0.31, 0.22, 0.00, 0.07
HSL	223°, 69%, 79%
HSV	223°, 31%, 93%
XYZ	48.0914, 48.7635, 87.7665
YIQ	184.7630, -29.5290, 12.0310

# Conversions

## Conversions Part 2

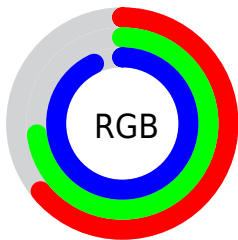
Format	Color
<a href="#">RYB</a>	<a href="#">164, 180, 238</a>
Decimal	<a href="#">10795502</a>
CIELab	<a href="#">75.30, 4.87, -28.71</a>
CIELCh	<a href="#">75, 29.121, 279.633</a>
Yxy	<a href="#">48.7635, 0.2605, 0.2641</a>
Android (android.graphics.Color)	<a href="#">4288985582 (0xFFA4B9EE)</a>
YUV	<a href="#">184.7630, 26.2458, -18.2092</a>
Hunter-Lab	<a href="#">69.8309, 0.7262, -25.6367</a>

# Details

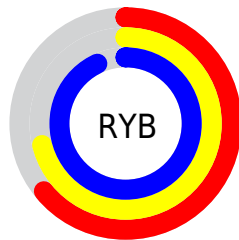
The Hex color **A4B9EE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EED9A4**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **DCF1FF**, and **6E84B6** is the 20% darker color. If you saturate the color by 10%, you get **8CA8EE**, and if you desaturate by 10%, it is **BCCAEE**.

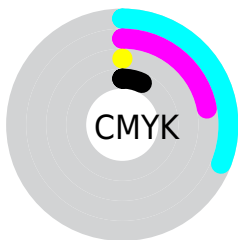
# Distribution



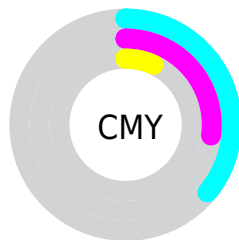
- Red (64%)
- Green (73%)
- Blue (93%)



- Red (64%)
- Yellow (71%)
- Blue (93%)



- Cyan (31%)
- Magenta (22%)
- Yellow (0%)
- Black (7%)



- Cyan (36%)
- Magenta (27%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4B9EE 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 A4B9EE by changing the saturation by 10% instead.



 A4B9EE

 A4B9EE

FFFFFF

 899ED2

 DCF1FF

 6E84B6

 F9FFFF

 546B9B

 3A5381

 1F3C67

 00274F

 001238

 000222

 000008

 A4B9EE

 A4B9EE

 8CA8EE

 BCCAEE

 7497EE

 D4DBEE

 5D86EE

 EBEC EE

 4575EE

 FFFDEE

 2D64EE

 FFFFEE

 1553EE

 0044EE

# Harmonies

## Analogous

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



7FC1EB



A4B9EE



C8B0E3

# Triad

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



A4B9EE



ECAA98



87C7A6

# Complementary

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



A4B9EE



EED9A4

# 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.



A6C28F



A4B9EE



DDB288

# Square

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



A4B9EE



EFA6B2



C4BB84



6EC9C1

# Rectangle

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



A4B9EE



DCAAD5



C4BB84



92C69E

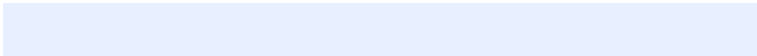


# Sweetspot

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



A4B9EE



E8EFFF



A4EED8



717580



000000



808080



# Same Dimension

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



A4B9EE



A1BBFF



B3A4EE



6C6F78



0034B8



001038



# Inverse Universe

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



EEA4B9



FFA1BB



DFEEA4



786C6F



B80034

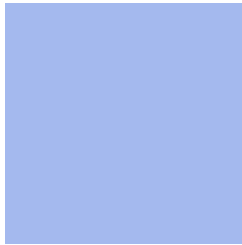


380010



# Previews

## White Background



This preview shows how the Hex color A4B9EE looks on a white background.

## Color Contrast Check

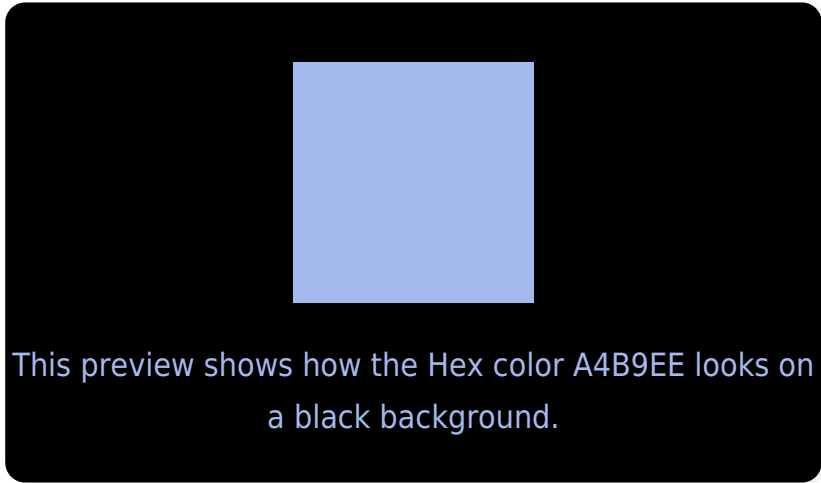
Large Text (above 18pt) WCAG AA × Fail

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

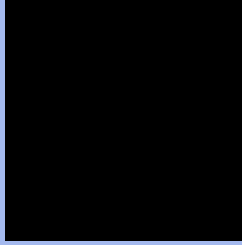
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

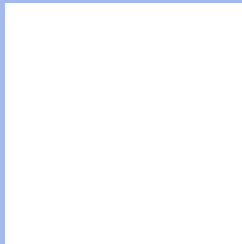
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A4B9EE Background



This preview shows how black text looks on a background with the Hex color A4B9EE.



This preview shows how white text looks on a background with the Hex color A4B9EE.

# 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**  
A4B9EE

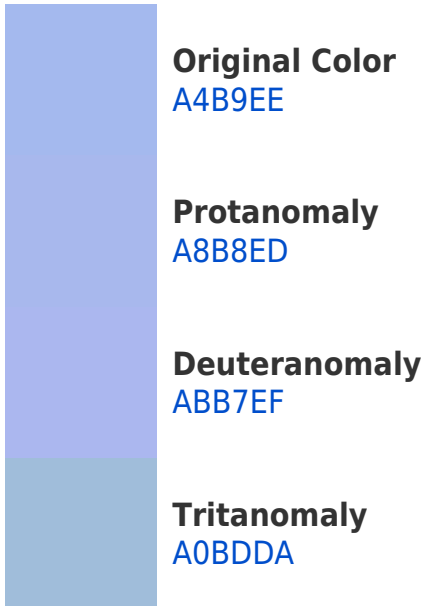
**Protanopia**  
ABB7ED

**Deuteranopia**  
AFB6EF

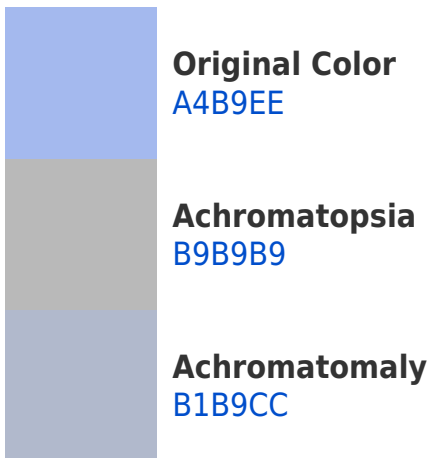


**Tritanopia**  
9DBFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4B9EE 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 #A4B9EE looks like.

```
.text, #text, p{  
    color:#A4B9EE  
}
```

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 #A4B9EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4B9EE
}
```

## Border

The CSS property to change the border of an element to Hex A4B9EE 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
#A4B9EE }
```

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

```
.border{ border-color:#A4B9EE }
```

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

Here you see how a box with a 4 pixel #A4B9EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4B9EE; -webkit-box-shadow:4px 4px  
4px 4px #A4B9EE; box-shadow:4px 4px 4px  
4px #A4B9EE }
```

# Background

The CSS property to change the background color of an element to Hex A4B9EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4B9EE }
```

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

```
.background{ background-color:#A4B9EE }
```

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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