

# Converting Colors

Hex(A8B1EA)

Have a look what the booklet for  
Hex(A8B1EA) contains.

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# **Color**

**Hex(A8B1EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8B1EA
RGB	168, 177, 234
RGB Percent	66%, 69%, 92%
CMY	0.3412, 0.3059, 0.0824
CMYK	0.28, 0.24, 0.00, 0.08
HSL	232°, 61%, 79%
HSV	232°, 28%, 92%
XYZ	46.7219, 45.7096, 84.2022
YIQ	180.8070, -23.6610, 15.8190

# Conversions

## Conversions Part 2

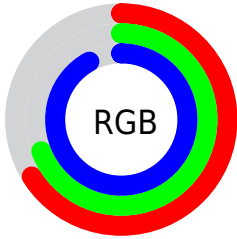
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 176, 234
Decimal	11055594
CIE <sub>Lab</sub>	73.36, 9.45, -29.51
CIE <sub>LCh</sub>	73, 30.989, 287.751
Yxy	45.7096, 0.2645, 0.2588
Android (android.graphics.Color)	4289245674 (0xFFA8B1EA)
YUV	180.8070, 26.2241, -11.2317
Hunter-Lab	67.6089, 5.0388, -26.5154

# Details

The Hex color **A8B1EA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EAE1A8**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **E0E9FF**, and **727DB2** is the 20% darker color. If you saturate the color by 10%, you get **919DEA**, and if you desaturate by 10%, it is **BFC5EA**.

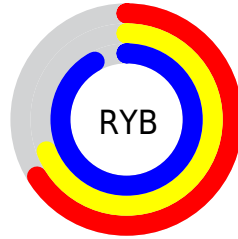
# Distribution



Red (66%)

Green (69%)

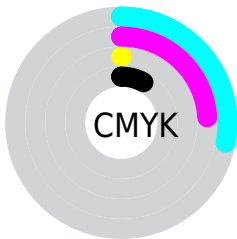
Blue (92%)



Red (66%)

Yellow (69%)

Blue (92%)

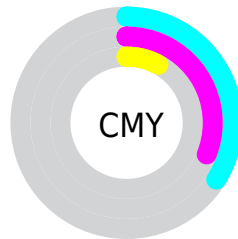


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (8%)



Cyan (34%)

Magenta (31%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8B1EA 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 A8B1EA by changing the saturation by 10% instead.



 A8B1EA

 A8B1EA

FFFFFF

 8D96CE

 E0E9FF

 727DB2

FDFFFF

 586497

 3F4C7D

 253564

 07204C


 000935

 00021F

 000002

 A8B1EA

 A8B1EA

 919DEA

 BFC5EA

 7989EA

 D7D9EA

 6274EA

 EEEEEEA

 4A60EA

 FFFFEA

 334CEA

 1C38EA

 0424EA

 0020EA

# Harmonies

## Analogous

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



7EBAEB



A8B1EA



CDA7DB

# Triad

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



A8B1EA



E6A58B



76C3A7

# Complementary

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



A8B1EA



EAE1A8

# 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.



97BF8D



A8B1EA



D3AE7D

# Square

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



A8B1EA



EDA0A4



B7B87E



5DC4C4

# Rectangle

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



A8B1EA



DFA2CA



B7B87E



81C29E



# Sweetspot

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



A8B1EA



EBEDFF



A8EAE0



737480



000000



808080



# Same Dimension

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



A8B1EA



A8B4FF



BFA8EA



6A6B75



0019B5



000736



# Inverse Universe

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



EAA8B1



FFA8B4



D3EAA8



756A6B



B50019

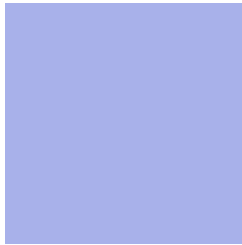


360007



# Previews

## White Background



This preview shows how the Hex color A8B1EA looks on a white background.

## Color Contrast Check

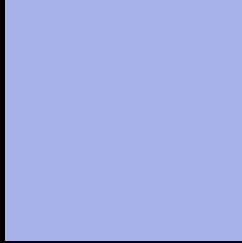
Large Text (above 18pt) WCAG AA × Fail

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 A8B1EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

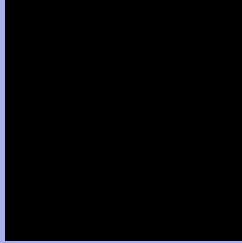
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A8B1EA Background



This preview shows how black text looks on a background with the Hex color A8B1EA.



This preview shows how white text looks on a background with the Hex color A8B1EA.

# 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**  
A8B1EA

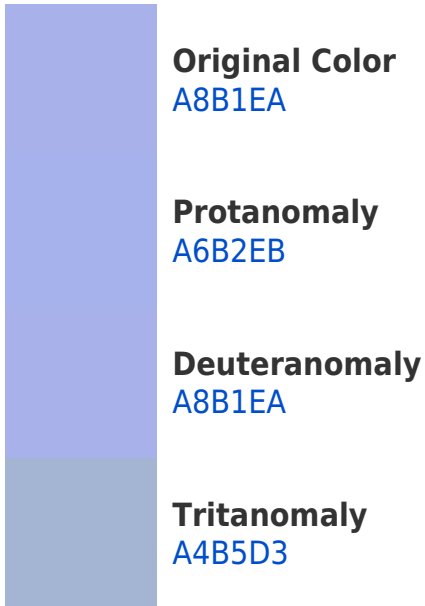
**Protanopia**  
A5B2EB

**Deuteranopia**  
A8B1EA

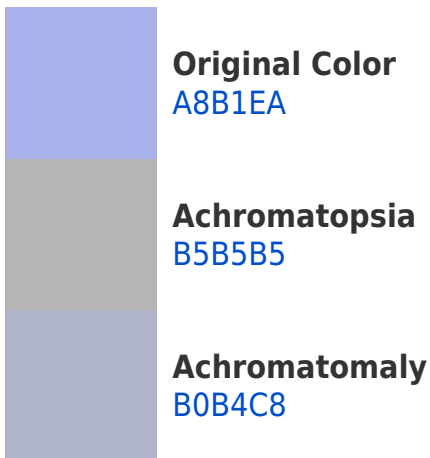


**Tritanopia**  
A1B8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8B1EA 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 #A8B1EA looks like.

```
.text, #text, p{  
    color:#A8B1EA  
}
```

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 #A8B1EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8B1EA
}
```

## Border

The CSS property to change the border of an element to Hex A8B1EA 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
#A8B1EA }
```

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

```
.border{ border-color:#A8B1EA }
```

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

Here you see how a box with a 4 pixel #A8B1EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8B1EA; -webkit-box-shadow:4px 4px  
4px 4px #A8B1EA; box-shadow:4px 4px 4px  
4px #A8B1EA }
```

# Background

The CSS property to change the background color of an element to Hex A8B1EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8B1EA }
```

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

```
.background{ background-color:#A8B1EA }
```

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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