

# Converting Colors

Hex(AAB2EB)

Have a look what the booklet for  
Hex(AAB2EB) contains.

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# **Color**

**Hex(AAB2EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAB2EB
RGB	170, 178, 235
RGB Percent	67%, 70%, 92%
CMY	0.3333, 0.3020, 0.0784
CMYK	0.28, 0.24, 0.00, 0.08
HSL	233°, 62%, 79%
HSV	233°, 28%, 92%
XYZ	47.4934, 46.3850, 85.0473
YIQ	182.1060, -23.0650, 16.0310

# Conversions

## Conversions Part 2

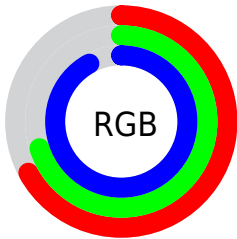
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 177, 235
Decimal	11186923
CIELab	73.79, 9.72, -29.37
CIELCh	74, 30.937, 288.312
Yxy	46.3850, 0.2654, 0.2592
Android (android.graphics.Color)	4289377003 (0xFFAAB2EB)
YUV	182.1060, 26.0767, -10.6170
Hunter-Lab	68.1065, 5.2886, -26.3632

# Details

The Hex color **AAB2EB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EBE3AA**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **E2EAFF**, and **747EB3** is the 20% darker color. If you saturate the color by 10%, you get **939DEB**, and if you desaturate by 10%, it is **C2C7EB**.

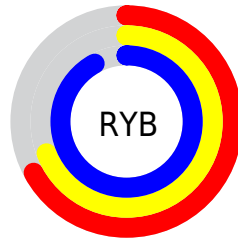
# Distribution



Red (67%)

Green (70%)

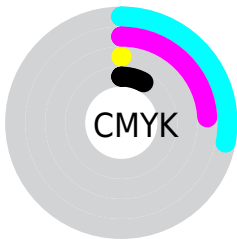
Blue (92%)



Red (67%)

Yellow (69%)

Blue (92%)

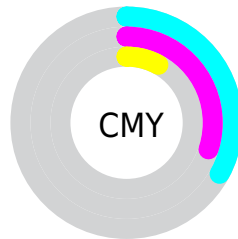


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (8%)



Cyan (33%)

Magenta (30%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAB2EB 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 AAB2EB by changing the saturation by 10% instead.



 AAB2EB

 AAB2EB

FFFFFF

 8F97CF

 E2EAFF

 747EB3

 5A6598

 414D7E

 283665

 0B214D

 000A36

 000220

 000003

 AAB2EB

 AAB2EB

 939DEB

 C2C7EB

 7B89EB

 D9DBEB

 6474EB

 F0F0EB

 4C60EB

 FFFFEB

 344BEB

 1D36EB

 0522EB

 001DEB

# Harmonies

## Analogous

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



80BBEC



AAB2EB



CFA8DB

# Triad

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



AAB2EB



E7A78C



77C4A9

# Complementary

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



AAB2EB



EBE3AA

# 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.



97C08F



AAB2EB



D4B07E

# Square

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



AAB2EB



EEA1A5



B8B97F



5EC5C6

# Rectangle

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



AAB2EB



E0A3CB



B8B97F



81C39F



# Sweetspot

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



AAB2EB



EBEDFF



AAEBE2



737480



000000



808080



# Same Dimension

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



AAB2EB



ABB5FF



C2AAEB



6A6B75



0016B5



000736



# Inverse Universe

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



EBAAB2



FFABB5



D3EBAA



756A6B



B50016

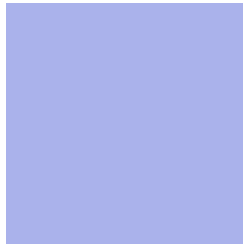


360007



# Previews

## White Background



This preview shows how the Hex color AAB2EB looks on a white background.

## Color Contrast Check

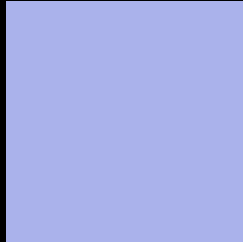
Large Text (above 18pt) WCAG AA × Fail

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 AAB2EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

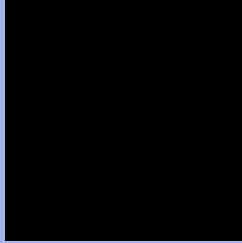
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AAB2EB Background



This preview shows how black text looks on a background with the Hex color AAB2EB.



This preview shows how white text looks on a background with the Hex color AAB2EB.

# 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**  
AAB2EB

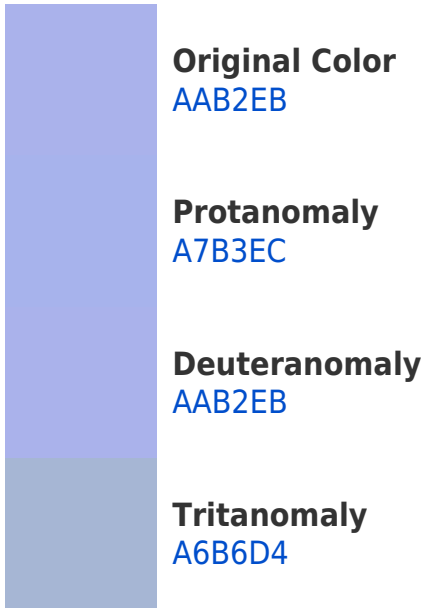
**Protanopia**  
A6B3EC

**Deuteranopia**  
AAB2EB

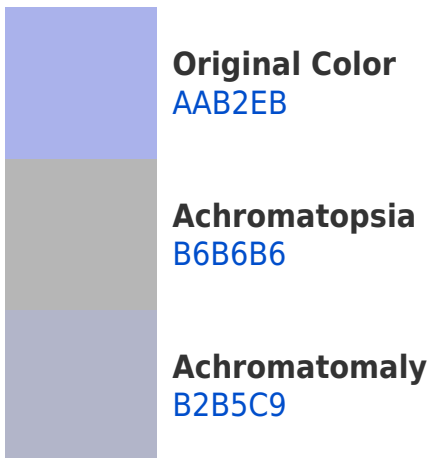


**Tritanopia**  
A3B9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAB2EB 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 #AAB2EB looks like.

```
.text, #text, p{  
    color:#AAB2EB  
}
```

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 #AAB2EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAB2EB  
}
```

## Border

The CSS property to change the border of an element to Hex AAB2EB 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  
#AAB2EB }
```

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

```
.border{ border-color:#AAB2EB }
```

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

Here you see how a box with a 4 pixel #AAB2EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAB2EB; -webkit-box-shadow:4px 4px  
4px 4px #AAB2EB; box-shadow:4px 4px 4px  
4px #AAB2EB }
```

# Background

The CSS property to change the background color of an element to Hex AAB2EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAB2EB }
```

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

```
.background{ background-color:#AAB2EB }
```

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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