

Converting Colors

Hex(AAC1EE)

Have a look what the booklet for
Hex(AAC1EE) contains.

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Color

Hex(AAC1EE)

Conversions

Conversions Part 1

Format	Color
Hex	AAC1EE
RGB	170, 193, 238
RGB Percent	67%, 76%, 93%
CMY	0.3333, 0.2431, 0.0667
CMYK	0.29, 0.19, 0.00, 0.07
HSL	220°, 67%, 80%
HSV	220°, 29%, 93%
XYZ	51.0801, 52.8590, 88.3995
YIQ	191.2530, -28.1530, 9.1190

Conversions

Conversions Part 2

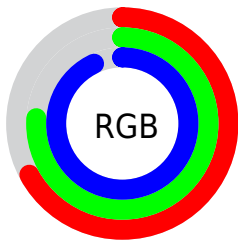
Format	Color
RYB	170, 187, 238
Decimal	11190766
CIELab	77.79, 2.24, -24.87
CIElCh	78, 24.969, 275.144
Yxy	52.8590, 0.2656, 0.2748
Android (android.graphics.Color)	4289380846 (0xFFAAC1EE)
YUV	191.2530, 23.0463, -18.6389
Hunter-Lab	72.7042, -1.8228, -21.1965

Details

The Hex color **AAC1EE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EED7AA**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **E2F9FF**, and **748CB6** is the 20% darker color. If you saturate the color by 10%, you get **92B1EE**, and if you desaturate by 10%, it is **C2D1EE**.

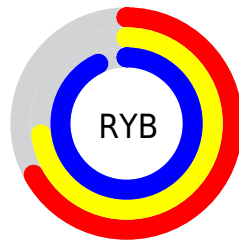
Distribution



Red (67%)

Green (76%)

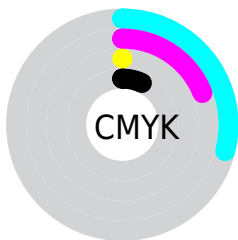
Blue (93%)



Red (67%)

Yellow (73%)

Blue (93%)

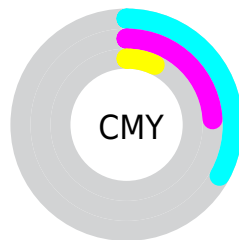


Cyan (29%)

Magenta (19%)

Yellow (0%)

Black (7%)



Cyan (33%)

Magenta (24%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAC1EE 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 AAC1EE by changing the saturation by 10% instead.

■ AAC1EE

■ AAC1EE

FFFFFF

■ 8FA6D2

■ E2F9FF

■ 748CB6

■ 5A729B

■ 415A81

■ 274368

■ 092D4F

■ 001838

■ 000223

■ 000009

■ AAC1EE

■ AAC1EE

■ 92B1EE

■ C2D1EE

■ 7AA2EE

■ DAE0EE

■ 6392EE

■ F1F0EE

■ 4B82EE

■ FFFFEE

■ 3372EE

■ 1B63EE

■ 0353EE

■ 0051EE

Harmonies

Analogous

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



8DC8EA



AAC1EE



C9B9E6

Triad

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



AAC1EE



EEB2A7



9ACCAC

Complementary

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



AAC1EE



EED7AA

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.



B4C79A



AAC1EE



E2B897

Square

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



AAC1EE



EFB0BD



CEC092



85CEC4

Rectangle

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



AAC1EE



DBB4DB



CEC092



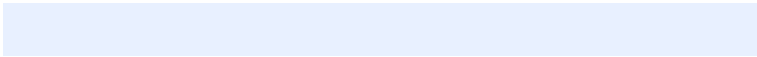
A2CAA5

Sweetspot

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



AAC1EE



E8F0FF



AAEED6



717680



000000



808080

Same Dimension

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



AAC1EE



A8C6FF



B4AAEE



6C7078



003EB8



001338

Inverse Universe

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



EEAAC1



FFA8C6



E4EEAA



786C70



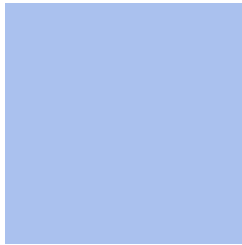
B8003E



380013

Previews

White Background



This preview shows how the Hex color AAC1EE looks on a white background.

Color Contrast Check

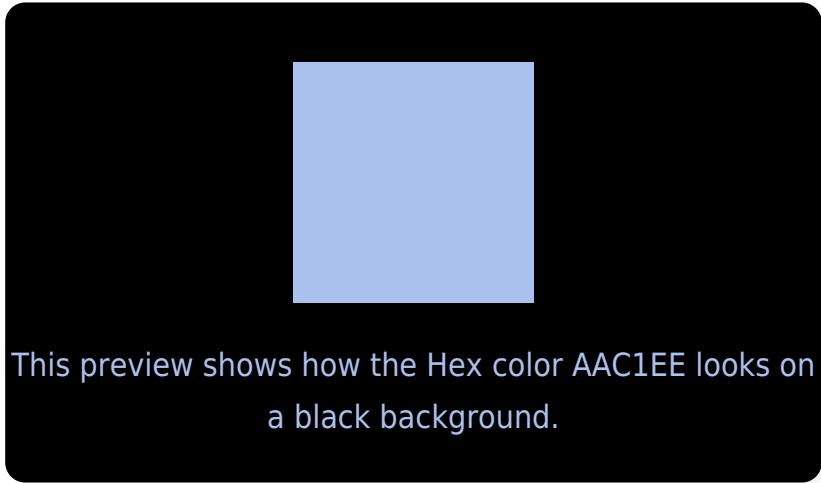
Large Text (above 18pt) WCAG AA × Fail

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

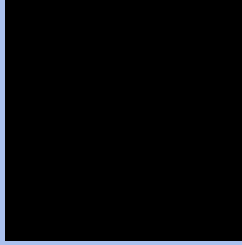
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

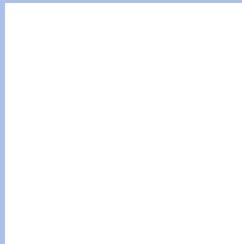
Any Text WCAG AAA ✓ Pass

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

Hex AAC1EE Background



This preview shows how black text looks on a background with the Hex color AAC1EE.

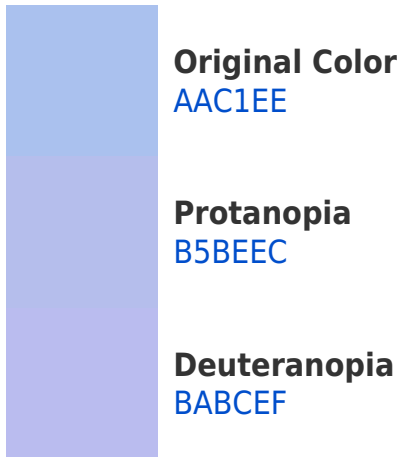


This preview shows how white text looks on a background with the Hex color AAC1EE.

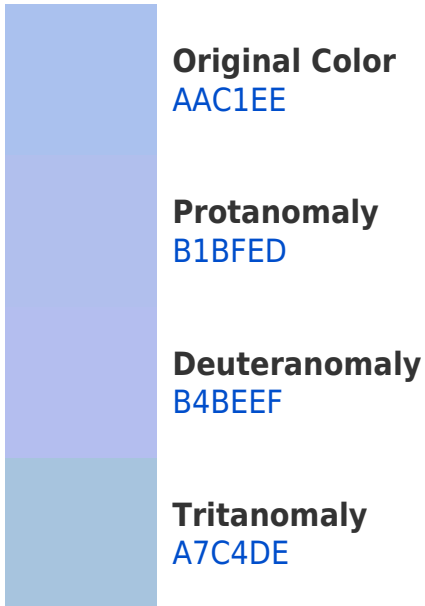
Color Blindness Simulation

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](#).

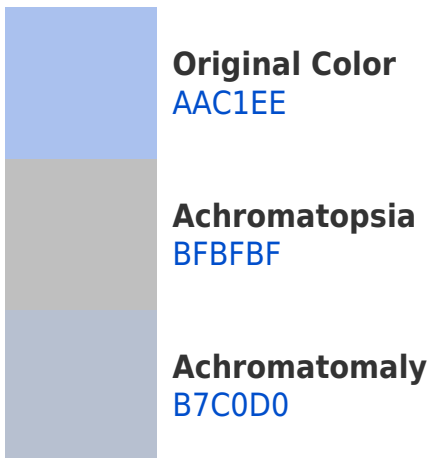
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AAC1EE 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 #AAC1EE looks like.

```
.text, #text, p{  
    color:#AAC1EE  
}
```

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 #AAC1EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAC1EE  
}
```

Border

The CSS property to change the border of an element to Hex AAC1EE 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  
#AAC1EE }
```

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

```
.border{ border-color:#AAC1EE }
```

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

Here you see how a box with a 4 pixel #AAC1EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAC1EE; -webkit-box-shadow:4px 4px  
4px 4px #AAC1EE; box-shadow:4px 4px 4px  
4px #AAC1EE }
```

Background

The CSS property to change the background color of an element to Hex AAC1EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAC1EE }
```

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

```
.background{ background-color:#AAC1EE }
```

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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