

Converting Colors

Hex(A6C6EE)

Have a look what the booklet for
Hex(A6C6EE) contains.

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Color

Hex(A6C6EE)

Conversions

Conversions Part 1

Format	Color
Hex	A6C6EE
RGB	166, 198, 238
RGB Percent	65%, 78%, 93%
CMY	0.3490, 0.2235, 0.0667
CMYK	0.30, 0.17, 0.00, 0.07
HSL	213°, 68%, 79%
HSV	213°, 30%, 93%
XYZ	51.3526, 54.6682, 88.7344
YIQ	192.9920, -31.9120, 5.6560

Conversions

Conversions Part 2

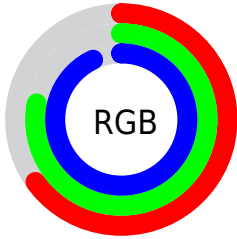
Format	Color
R _Y B	166, 188, 238
Decimal	10929902
CIE Lab	78.85, -1.60, -23.28
CIE LCh	79, 23.334, 266.067
Yxy	54.6682, 0.2637, 0.2807
Android (android.graphics.Color)	4289119982 (0xFFA6C6EE)
YUV	192.9920, 22.1889, -23.6720
Hunter-Lab	73.9380, -5.4167, -19.3985

Details

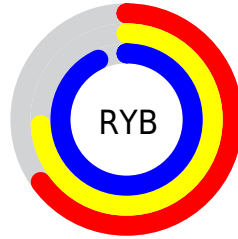
The Hex color **A6C6EE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EECEA6**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **DEFFFF**, and **7090B6** is the 20% darker color. If you saturate the color by 10%, you get **8EB9EE**, and if you desaturate by 10%, it is **BED3EE**.

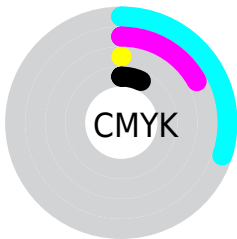
Distribution



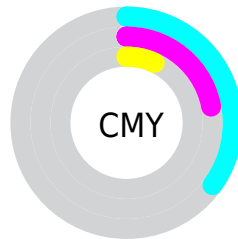
- Red (65%)
- Green (78%)
- Blue (93%)



- Red (65%)
- Yellow (74%)
- Blue (93%)



- Cyan (30%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)



- Cyan (35%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6C6EE 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 A6C6EE by changing the saturation by 10% instead.

 A6C6EE

 A6C6EE

FFFFFF

 8BABD2

 DEFFFF

 7090B6

 FBFFFF

 56779B

 3C5E81

 224768

 003050

 001C38

 000223

 00000A

 A6C6EE

 A6C6EE

 8EB9EE

 BED3EE

 76ACEE

 D6E0EE

 5F9EEE

 EDEEEE

 4791EE

 FFFBEE

 2F84EE

 FFFFEE

 1777EE

 006AEE

Harmonies

Analogous

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



8ECCE6



A6C6EE



C3BFEA

Triad

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



A6C6EE



F0B5B1



A7CDAA

Complementary

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



A6C6EE



EECEA6

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.



BFC89C



A6C6EE



E8BAA0

Square

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



A6C6EE



ECB4C7



D7C198



91CFBF

Rectangle

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



A6C6EE



D5BAE1



D7C198



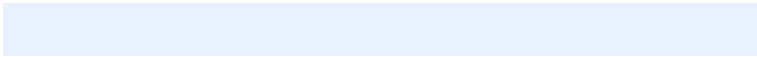
AFCBA5

Sweetspot

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



A6C6EE



E8F2FF



A6EECE



717880



000000



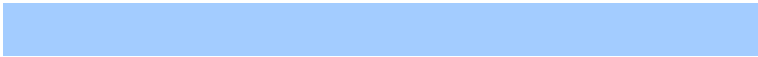
808080

Same Dimension

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



A6C6EE



A3CCFF



AAA6EE



6C7178



0052B8



001938

Inverse Universe

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



EEA6C6



FFA3CC



EAEEA6



786C71



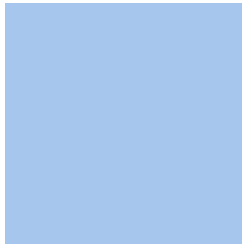
B80052



380019

Previews

White Background



This preview shows how the Hex color A6C6EE looks on a white background.

Color Contrast Check

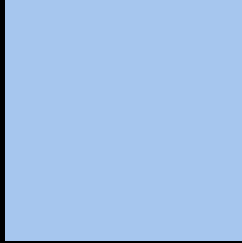
Large Text (above 18pt) WCAG AA × Fail

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 A6C6EE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

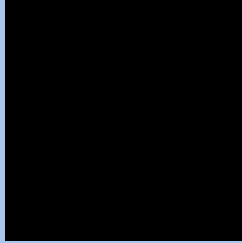
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

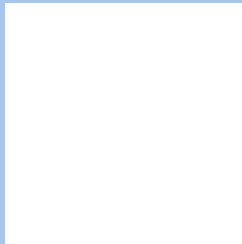
Any Text WCAG AAA ✓ Pass

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

Hex A6C6EE Background



This preview shows how black text looks on a background with the Hex color A6C6EE.

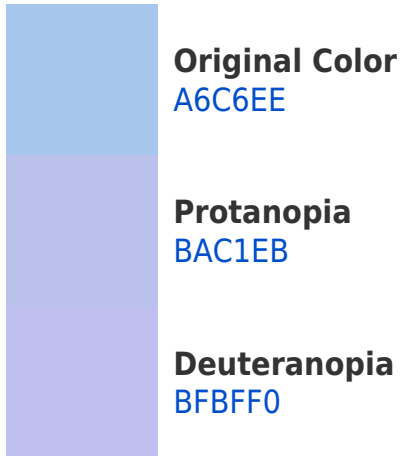


This preview shows how white text looks on a background with the Hex color A6C6EE.

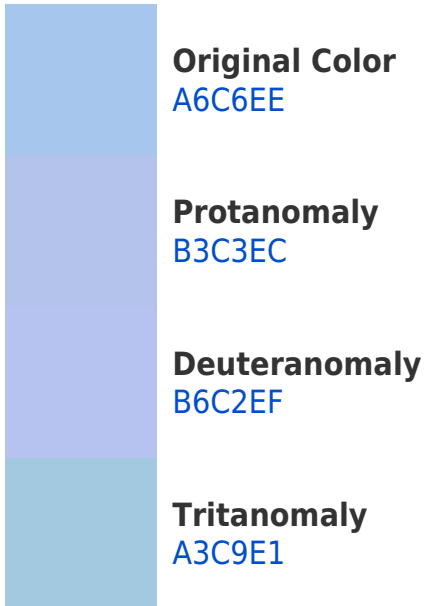
Color Blindness Simulation

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](#).

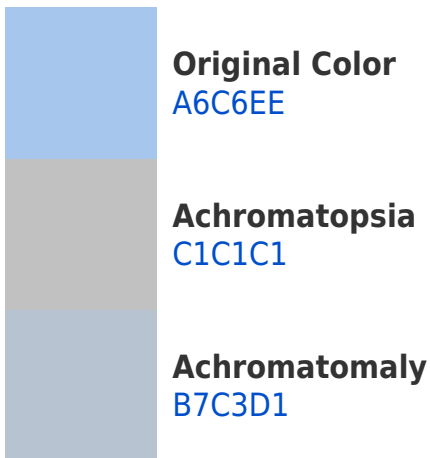
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6C6EE 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 #A6C6EE looks like.

```
.text, #text, p{  
    color:#A6C6EE  
}
```

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 #A6C6EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6C6EE
}
```

Border

The CSS property to change the border of an element to Hex A6C6EE 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
#A6C6EE }
```

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

```
.border{ border-color:#A6C6EE }
```

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

Here you see how a box with a 4 pixel #A6C6EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6C6EE; -webkit-box-shadow:4px 4px  
4px 4px #A6C6EE; box-shadow:4px 4px 4px  
4px #A6C6EE }
```

Background

The CSS property to change the background color of an element to Hex A6C6EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6C6EE }
```

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

```
.background{ background-color:#A6C6EE }
```

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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