

# Converting Colors

Hex(A6C9ED)

Have a look what the booklet for  
Hex(A6C9ED) contains.

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# **Color**

**Hex(A6C9ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6C9ED
RGB	166, 201, 237
RGB Percent	65%, 79%, 93%
CMY	0.3490, 0.2118, 0.0706
CMYK	0.30, 0.15, 0.00, 0.07
HSL	210°, 66%, 79%
HSV	210°, 30%, 93%
XYZ	51.8986, 55.9947, 88.1935
YIQ	194.6390, -32.4160, 3.7760

# Conversions

## Conversions Part 2

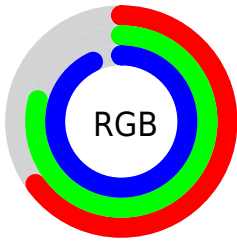
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 189, 237
Decimal	10930669
CIELab	79.61, -3.44, -21.59
CIELCh	80, 21.859, 260.938
Yxy	55.9947, 0.2647, 0.2856
Android (android.graphics.Color)	4289120749 (0xFFA6C9ED)
YUV	194.6390, 20.8840, -25.1164
Hunter-Lab	74.8296, -7.1519, -17.4979

# Details

The Hex color **A6C9ED** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EDCAA6**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **DEFFFF**, and **7093B5** is the 20% darker color. If you saturate the color by 10%, you get **8EBDED**, and if you desaturate by 10%, it is **BED5ED**.

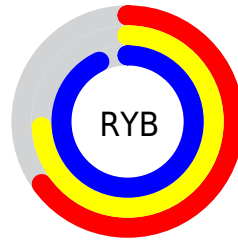
# Distribution



Red (65%)

Green (79%)

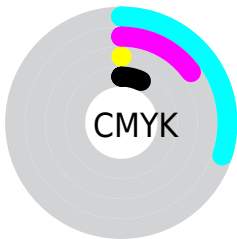
Blue (93%)



Red (65%)

Yellow (74%)

Blue (93%)

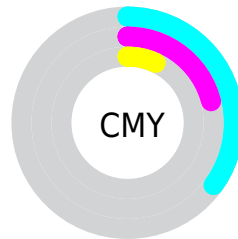


Cyan (30%)

Magenta (15%)

Yellow (0%)

Black (7%)



Cyan (35%)

Magenta (21%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6C9ED 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 A6C9ED by changing the saturation by 10% instead.



 A6C9ED

 A6C9ED

FFFFFF

 8BAED1

 DEFFFF

 7093B5

 FBFFFF

 56799A

 3C6180

 224967

 00334F

 001E38

 000223

 000009

 A6C9ED

 A6C9ED

 8EBDED

 BED5ED

 77B1ED

 D5E1ED

 5FA5ED

 EDEDED

 4799ED

 FFF9ED

 2F8DED

 FFFFED

 1881ED

 0075ED

# Harmonies

## Analogous

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



92CEE4



A6C9ED



C1C2EB

# Triad

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



A6C9ED



F0B7B8



AECEAB

# Complementary

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



A6C9ED



EDCAA6

# 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.



C6C89F



A6C9ED



EABBA6

# Square

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



A6C9ED



EAB7CC



DBC29D



9AD1BE

# Rectangle

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



A6C9ED



D2BEE4



DBC29D



B6CCA6

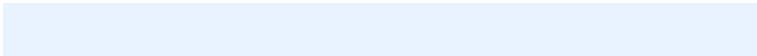


# Sweetspot

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



A6C9ED



E8F3FF



A6EDC9



717880



000000



808080

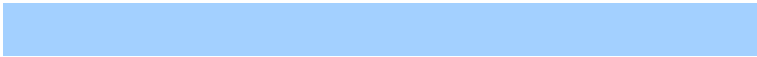


# Same Dimension

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



A6C9ED



A3D0FF



A6A6ED



6A6F75



0059B5



001A36



# Inverse Universe

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



EDA6C9



FFA3D0



EDEDA6



756A6F



B50059

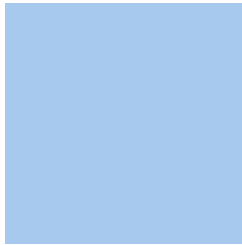


36001A



# Previews

## White Background



This preview shows how the Hex color A6C9ED looks on a white background.

## Color Contrast Check

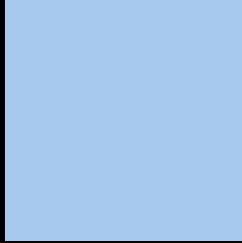
Large Text (above 18pt) WCAG AA × Fail

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 A6C9ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

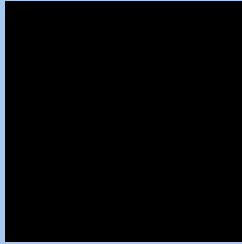
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

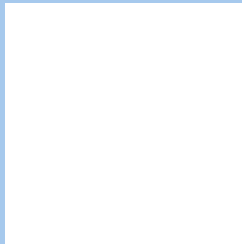
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A6C9ED Background



This preview shows how black text looks on a background with the Hex color A6C9ED.

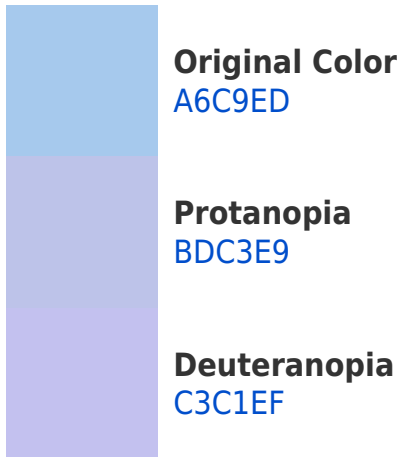


This preview shows how white text looks on a background with the Hex color A6C9ED.

# Color Blindness Simulation

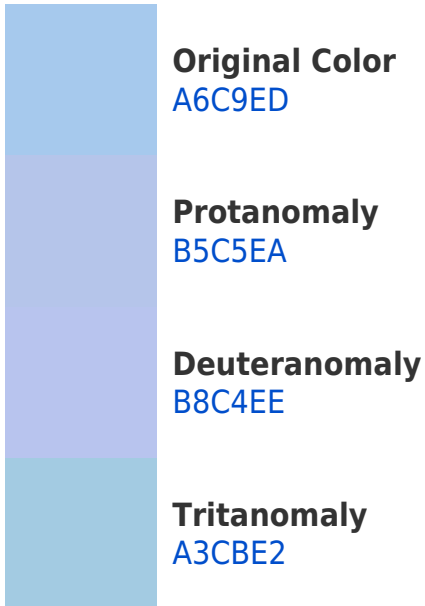
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

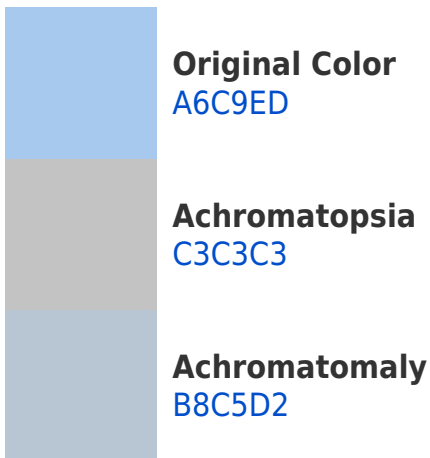




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6C9ED 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 #A6C9ED looks like.

```
.text, #text, p{  
    color:#A6C9ED  
}
```

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 #A6C9ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6C9ED
}
```

## Border

The CSS property to change the border of an element to Hex A6C9ED 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
#A6C9ED }
```

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

```
.border{ border-color:#A6C9ED }
```

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

Here you see how a box with a 4 pixel #A6C9ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6C9ED; -webkit-box-shadow:4px 4px  
4px 4px #A6C9ED; box-shadow:4px 4px 4px  
4px #A6C9ED }
```

# Background

The CSS property to change the background color of an element to Hex A6C9ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6C9ED }
```

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

```
.background{ background-color:#A6C9ED }
```

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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