

# Converting Colors

Hex(A2C7EF)

Have a look what the booklet for  
Hex(A2C7EF) contains.

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# **Color**

**Hex(A2C7EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2C7EF
RGB	162, 199, 239
RGB Percent	64%, 78%, 94%
CMY	0.3647, 0.2196, 0.0627
CMYK	0.32, 0.17, 0.00, 0.06
HSL	211°, 71%, 79%
HSV	211°, 32%, 94%
XYZ	50.9037, 54.7602, 89.5482
YIQ	192.4970, -34.8920, 4.5960

# Conversions

## Conversions Part 2

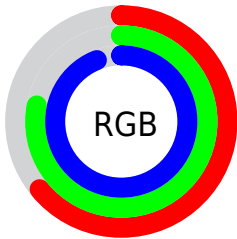
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 187, 239
Decimal	10668015
CIE Lab	78.90, -3.02, -23.76
CIE LCh	79, 23.948, 262.755
Yxy	54.7602, 0.2608, 0.2805
Android (android.graphics.Color)	4288858095 (0xFFA2C7EF)
YUV	192.4970, 22.9260, -26.7459
Hunter-Lab	74.0002, -6.7125, -19.9472

# Details

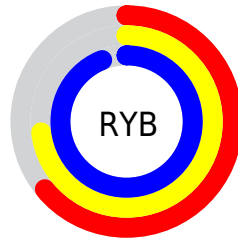
The Hex color **A2C7EF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EFCAA2**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **DAFFFF**, and **6C91B7** is the 20% darker color. If you saturate the color by 10%, you get **8ABBEF**, and if you desaturate by 10%, it is **BAD3EF**.

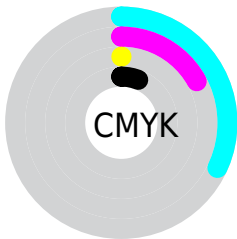
# Distribution



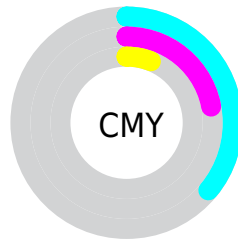
- Red (64%)
- Green (78%)
- Blue (94%)



- Red (64%)
- Yellow (73%)
- Blue (94%)



- Cyan (32%)
- Magenta (17%)
- Yellow (0%)
- Black (6%)



- Cyan (36%)
- Magenta (22%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2C7EF 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 A2C7EF by changing the saturation by 10% instead.



 A2C7EF

 A2C7EF

FFFFFF

 87ACD3

 DAFFFF

 6C91B7

 F7FFFF

 52789C

 375F82

 1B4769

 003150

 001C39

 000224

 00000B

 A2C7EF

 A2C7EF

 8ABBEF

 BAD3EF

 72AEEF

 D2E0EF

 5AA2EF

 EAECEF

 4295EF

 FFF9EF

 2A89EF

 FFFFEF

 137DEF

 0073EF

# Harmonies

## Analogous

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



8BCDE6



A2C7EF



COBFEC

# Triad

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



A2C7EF



F1B4B3



A9CDA8

# Complementary

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



A2C7EF



EFCAA2

# 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.



C2C79A



A2C7EF



EAB9A1

# Square

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



A2C7EF



ECB4CA



D9C097



92D0BD

# Rectangle

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



A2C7EF



D3BAE4



D9C097



B1CBA2

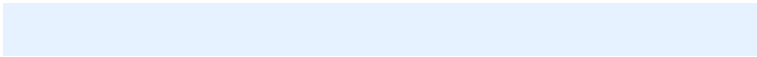


# Sweetspot

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



A2C7EF



E6F2FF



A2EFCA



707880



000000



808080

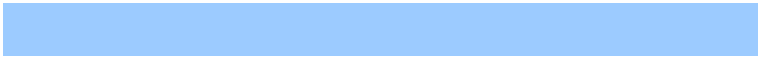


# Same Dimension

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



A2C7EF



9CCBFF



A3A2EF



6C7278



0058B8



001B38



# Inverse Universe

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



EFA2C7



FF9CCB



EEEFA2



786C72



B80058

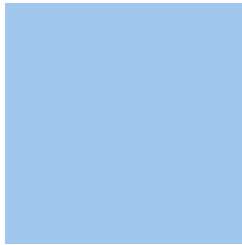


38001B



# Previews

## White Background



This preview shows how the Hex color A2C7EF looks on a white background.

## Color Contrast Check

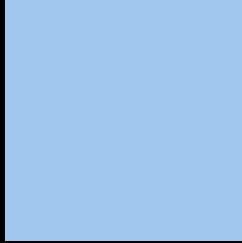
Large Text (above 18pt) WCAG AA × Fail

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 A2C7EF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

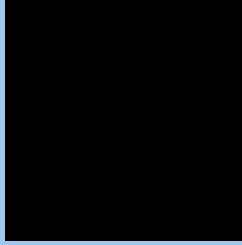
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

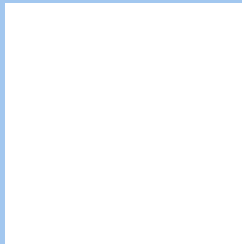
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A2C7EF Background



This preview shows how black text looks on a background with the Hex color A2C7EF.

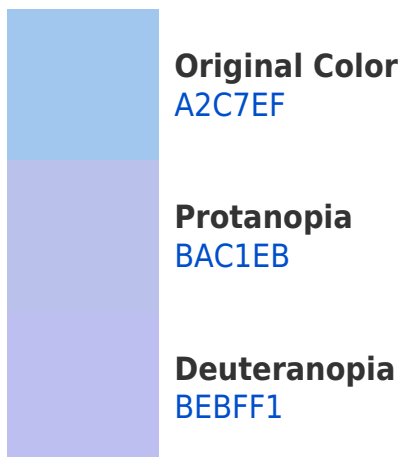


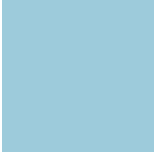
This preview shows how white text looks on a background with the Hex color A2C7EF.

# 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](#).

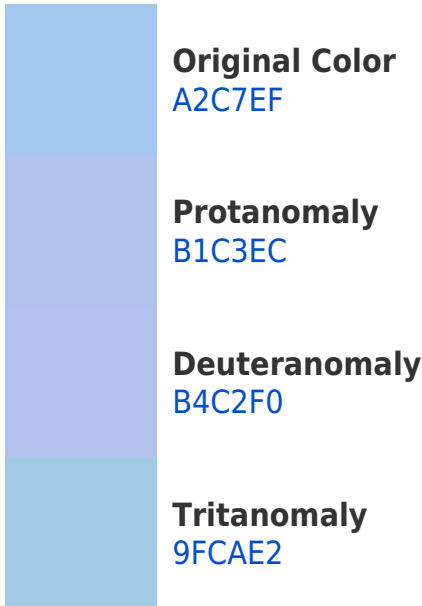
## Dichromacy



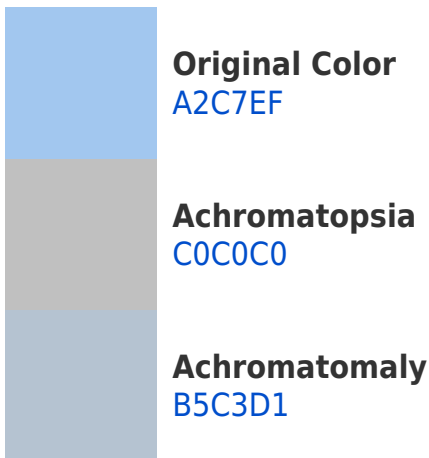


**Tritanopia**  
9DCBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2C7EF 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 #A2C7EF looks like.

```
.text, #text, p{  
    color:#A2C7EF  
}
```

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 #A2C7EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2C7EF  
}
```

## Border

The CSS property to change the border of an element to Hex A2C7EF 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  
#A2C7EF }
```

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

```
.border{ border-color:#A2C7EF }
```

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

Here you see how a box with a 4 pixel #A2C7EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2C7EF; -webkit-box-shadow:4px 4px  
4px 4px #A2C7EF; box-shadow:4px 4px 4px  
4px #A2C7EF }
```

# Background

The CSS property to change the background color of an element to Hex A2C7EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2C7EF }
```

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

```
.background{ background-color:#A2C7EF }
```

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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