

# Converting Colors

Hex(A4C8F1)

Have a look what the booklet for  
Hex(A4C8F1) contains.

|  |    |
|--|----|
| <b>Hex(A4C8F1)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(A4C8F1)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | A4C8F1                     |
| RGB           | 164, 200, 241              |
| RGB Percent   | 64%, 78%, 95%              |
| CMY           | 0.3569, 0.2157, 0.0549     |
| CMYK          | 0.32, 0.17, 0.00, 0.05     |
| HSL           | 212°, 73%, 79%             |
| HSV           | 212°, 32%, 95%             |
| XYZ           | 51.8413, 55.5519, 91.2094  |
| YIQ           | 193.9100, -34.6170, 5.1190 |

# Conversions

## Conversions Part 2

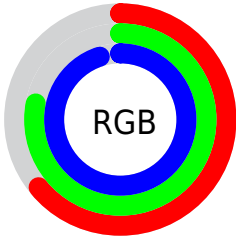
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 164, 189, 241                  |
| Decimal                             | 10799345                       |
| CIELab                              | 79.36, -2.50, -24.12           |
| CIELCh                              | 79, 24.253, 264.074            |
| Yxy                                 | 55.5519, 0.2610,<br>0.2797     |
| Android<br>(android.graphics.Color) | 4288989425<br>(0xFFA4C8F1)     |
| YUV                                 | 193.9100, 23.2154,<br>-26.2311 |
| Hunter-Lab                          | 74.5332, -6.2780,<br>-20.3824  |

# Details

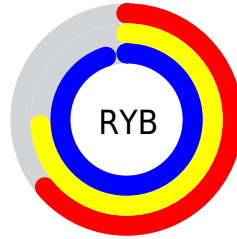
The Hex color **A4C8F1** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F1CDA4**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **DCFFFF**, and **6E92B9** is the 20% darker color. If you saturate the color by 10%, you get **8CBBF1**, and if you desaturate by 10%, it is **BCD5F1**.

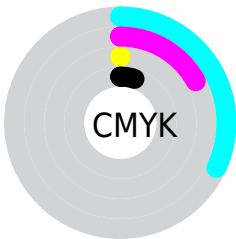
# Distribution



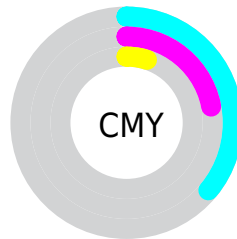
- Red (64%)
- Green (78%)
- Blue (95%)



- Red (64%)
- Yellow (74%)
- Blue (95%)



- Cyan (32%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (36%)
- Magenta (22%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4C8F1 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 A4C8F1 by changing the saturation by 10% instead.



 A4C8F1

 A4C8F1

FFFFFF

 89ADD5

 DCFFFF

 6E92B9

 FAFFFF

 54799E

 396084

 1D486A

 003252

 001D3B

 000225

 00010E

 A4C8F1

 A4C8F1

 8CBBF1

 BCD5F1

 74AEF1

 D4E2F1

 5CA2F1

 ECEEF1

 4495F1

 FFFBF1

 2C88F1

 FFFFF1

 137BF1

 0071F1

# Harmonies

## Analogous

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



8CCEE8



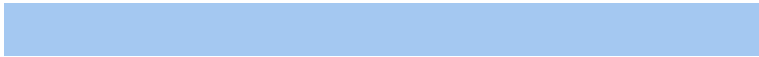
A4C8F1



C3C0EE

# Triad

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



A4C8F1



F3B5B3



A8CEA9

# Complementary

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



A4C8F1



F1CDA4

# 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.



C2C99B



A4C8F1



ECBAA1

# Square

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



A4C8F1



EFB5CA



DAC298



91D1BF

# Rectangle

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



A4C8F1



D5BBE5



DAC298



B1CDA4

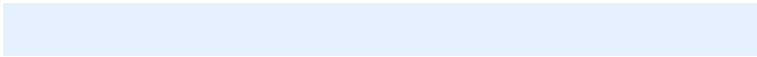


# Sweetspot

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



A4C8F1



E6F1FF



A4F1CC



707780



000000



808080

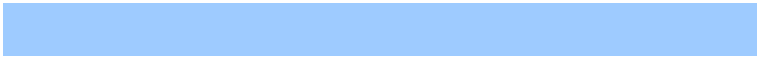


# Same Dimension

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



A4C8F1



9ECBFF



A5A4F1



6C7178



0056B8



001A38



# Inverse Universe

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



F1A4C8



FF9ECB



F0F1A4



786C71



B80056

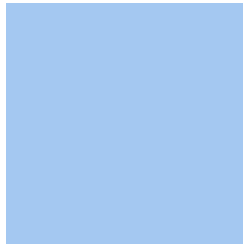


38001A



# Previews

## White Background



This preview shows how the Hex color A4C8F1 looks on a white background.

## Color Contrast Check

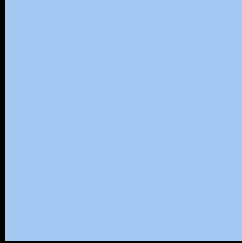
Large Text (above 18pt) WCAG AA × Fail

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 A4C8F1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

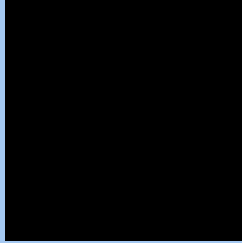
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

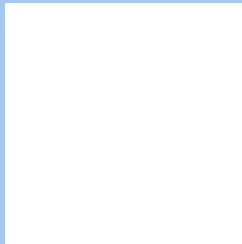
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A4C8F1 Background



This preview shows how black text looks on a background with the Hex color A4C8F1.



This preview shows how white text looks on a background with the Hex color A4C8F1.

# Color Blindness Simulation

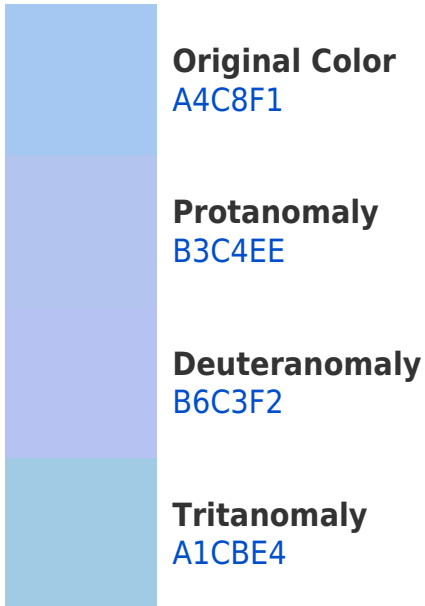
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

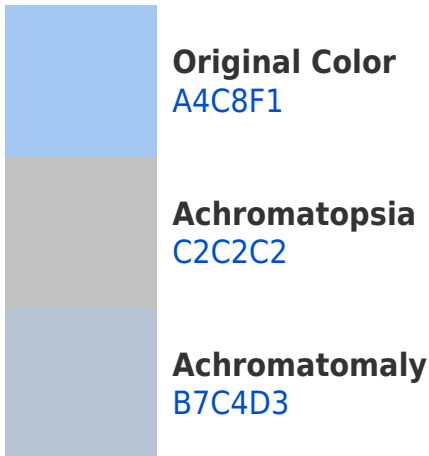




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4C8F1 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 #A4C8F1 looks like.

```
.text, #text, p{  
    color:#A4C8F1  
}
```

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 #A4C8F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4C8F1
}
```

## Border

The CSS property to change the border of an element to Hex A4C8F1 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
#A4C8F1 }
```

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

```
.border{ border-color:#A4C8F1 }
```

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

Here you see how a box with a 4 pixel #A4C8F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4C8F1; -webkit-box-shadow:4px 4px  
4px 4px #A4C8F1; box-shadow:4px 4px 4px  
4px #A4C8F1 }
```

# Background

The CSS property to change the background color of an element to Hex A4C8F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4C8F1 }
```

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

```
.background{ background-color:#A4C8F1 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor