

# Converting Colors

Hex(A4BDF4)

Have a look what the booklet for  
Hex(A4BDF4) contains.

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# **Color**

**Hex(A4BDF4)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | A4BDF4                      |
| RGB         | 164, 189, 244               |
| RGB Percent | 64%, 74%, 96%               |
| CMY         | 0.3569, 0.2588, 0.0431      |
| CMYK        | 0.33, 0.23, 0.00, 0.04      |
| HSL         | 221°, 78%, 80%              |
| HSV         | 221°, 33%, 96%              |
| XYZ         | 49.8366, 50.8194, 92.7704   |
| YIQ         | 187.7950, -32.5550, 11.8050 |

# Conversions

## Conversions Part 2

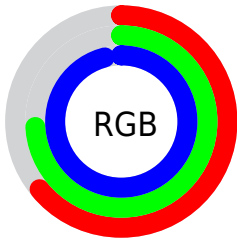
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">164, 183, 244</a>                                |
| Decimal                             | <a href="#">10796532</a>                                     |
| CIELab                              | <a href="#">76.57, 4.18, -30.00</a>                          |
| CIElCh                              | <a href="#">77, 30.291, 277.933</a>                          |
| Yxy                                 | <a href="#">50.8194, 0.2577, 0.2627</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4288986612</a><br>( <a href="#">0xFFA4BDF4</a> ) |
| YUV                                 | <a href="#">187.7950, 27.7091, -20.8682</a>                  |
| Hunter-Lab                          | <a href="#">71.2877, 0.0342, -27.2558</a>                    |

# Details

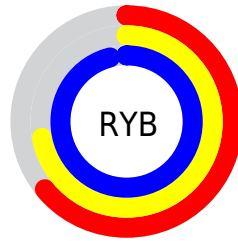
The Hex color **A4BDF4** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F4DBA4**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **DDF5FF**, and **6E88BC** is the 20% darker color. If you saturate the color by 10%, you get **8CACF4**, and if you desaturate by 10%, it is **BCCEF4**.

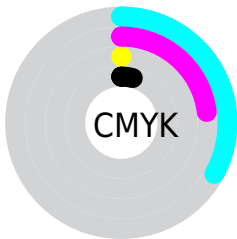
# Distribution



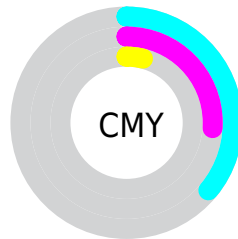
- Red (64%)
- Green (74%)
- Blue (96%)



- Red (64%)
- Yellow (72%)
- Blue (96%)



- Cyan (33%)
- Magenta (23%)
- Yellow (0%)
- Black (4%)



- Cyan (36%)
- Magenta (26%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4BDF4 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 A4BDF4 by changing the saturation by 10% instead.



 A4BDF4

 A4BDF4

FFFFFF

 89A2D7

 DDF5FF

 6E88BC

 FAFFFF

 536FA0

 395686

 1C3F6D

 002A54

 00163D

 000327

 000110

 A4BDF4

 A4BDF4

 8CACF4

 BCCEF4

 739BF4

 D5DFF4

 5B8BF4

 EDEFF4

 427AF4

 FFFFF4

 2A69F4

 1258F4

 004CF4

# Harmonies

## Analogous

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



7DC5F0



A4BDF4



CBB3E9

# Triad

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



A4BDF4



F3AC9C



8ACBA7

# Complementary

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



A4BDF4



F4DBA4

# 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.



ABC690



A4BDF4



E3B48A

# Square

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



A4BDF4



F5A8B6



CABE85



6FCDC4

# Rectangle

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



A4BDF4



DFADDB



CABE85



95C99E



# Sweetspot

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



A4BDF4



E6EDFF



A4F4DB



707580



000000



808080



# Same Dimension

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



A4BDF4



9CBFF



B3A4F4



6E727A



003ABA



00123B



# Inverse Universe

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



F4A4BD



FF9CBB



E5F4A4



7A6E72



BA003A

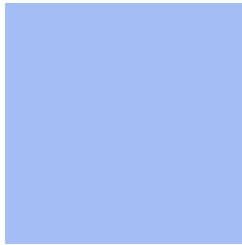


3B0012



# Previews

## White Background



This preview shows how the Hex color A4BDF4 looks on a white background.

## Color Contrast Check

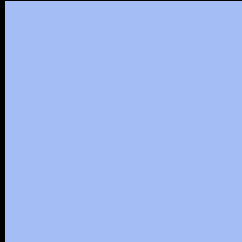
Large Text (above 18pt) WCAG AA × Fail

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 A4BDF4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

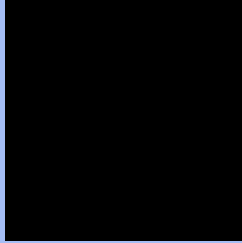
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

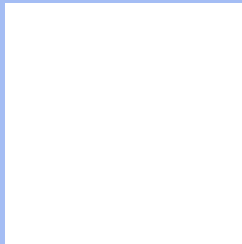
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A4BDF4 Background



This preview shows how black text looks on a background with the Hex color A4BDF4.



This preview shows how white text looks on a background with the Hex color A4BDF4.

# 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



**Original Color**  
A4BDF4

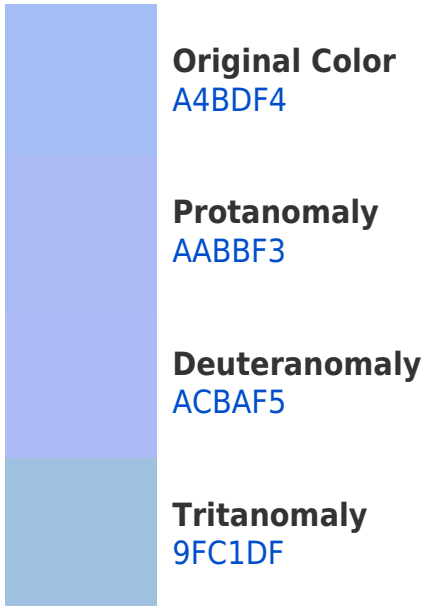
**Protanopia**  
AEBAF2

**Deuteranopia**  
B1B9F5

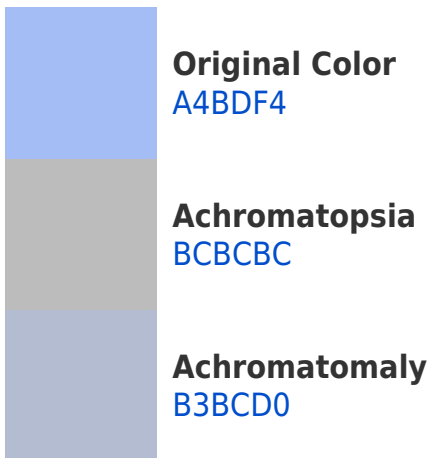


**Tritanopia**  
9CC3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4BDF4 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 #A4BDF4 looks like.

```
.text, #text, p{  
    color:#A4BDF4  
}
```

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 #A4BDF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4BDF4  
}
```

## Border

The CSS property to change the border of an element to Hex A4BDF4 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  
#A4BDF4 }
```

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

```
.border{ border-color:#A4BDF4 }
```

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

Here you see how a box with a 4 pixel #A4BDF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4BDF4; -webkit-box-shadow:4px 4px  
4px 4px #A4BDF4; box-shadow:4px 4px 4px  
4px #A4BDF4 }
```

# Background

The CSS property to change the background color of an element to Hex A4BDF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4BDF4 }
```

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

```
.background{ background-color:#A4BDF4 }
```

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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