

# Converting Colors

Hex(A4B7FD)

Have a look what the booklet for  
Hex(A4B7FD) contains.

<b>Hex(A4B7FD)</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(A4B7FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4B7FD
RGB	164, 183, 253
RGB Percent	64%, 72%, 99%
CMY	0.3569, 0.2824, 0.0078
CMYK	0.35, 0.28, 0.00, 0.01
HSL	227°, 96%, 82%
HSV	227°, 35%, 99%
XYZ	49.9730, 48.8513, 99.7239
YIQ	185.2990, -33.7940, 17.7420

# Conversions

## Conversions Part 2

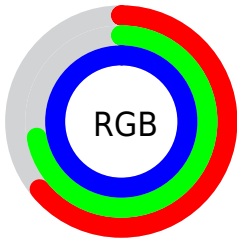
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">164, 180, 253</a>
Decimal	<a href="#">10795005</a>
CIELab	<a href="#">75.36, 9.77, -36.71</a>
CIELCh	<a href="#">75, 37.989, 284.898</a>
Yxy	<a href="#">48.8513, 0.2517, 0.2460</a>
Android (android.graphics.Color)	<a href="#">4288985085 (0xFFA4B7FD)</a>
YUV	<a href="#">185.2990, 33.3766, -18.6792</a>
Hunter-Lab	<a href="#">69.8937, 5.3108, -35.6690</a>

# Details

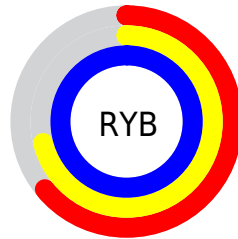
The Hex color **A4B7FD** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FDEAA4**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **DDEFFF**, and **6D82C4** is the 20% darker color. If you saturate the color by 10%, you get **8BA3FD**, and if you desaturate by 10%, it is **BDCBFD**.

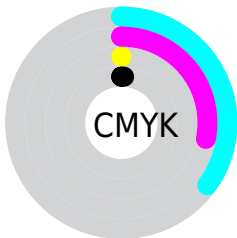
# Distribution



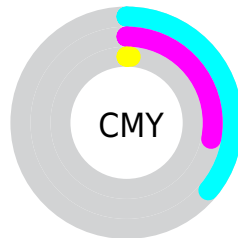
- Red (64%)
- Green (72%)
- Blue (99%)



- Red (64%)
- Yellow (71%)
- Blue (99%)



- Cyan (35%)
- Magenta (28%)
- Yellow (0%)
- Black (1%)



- Cyan (36%)
- Magenta (28%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4B7FD 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 A4B7FD by changing the saturation by 10% instead.



 A4B7FD

 A4B7FD

FFFFFF

 889CE0

 DDEFFF

 6D82C4

 FAFFFF

 5269A9

 36518E

 173B74

 00255B

 001143

 00032C

 000117

 A4B7FD

 A4B7FD

 8BA3FD

 BDCBFD

 718FFD

 D7DFFD

 587BFD

 F0F3FD

 3F67FD

FFFFFFD

 2654FD

 0C40FD

 0036FD

# Harmonies

## Analogous

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



6BC2FC



A4B7FD



D4AAEB

# Triad

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



A4B7FD



F7A68A



6DCBA6

# Complementary

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



A4B7FD



FDEAA4

# 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.



98C687



A4B7FD



E1B176

# Square

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



A4B7FD



FF9FA9



C0BD75



41CDCA

# Rectangle

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



A4B7FD



EBA3D8



C0BD75



7CCA9B



# Sweetspot

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



A4B7FD



E3E9FF



A4FDEA



6F7280



000000



808080



# Same Dimension

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



A4B7FD



94ABFF



BDA4FD



737580



0029BF



000E40



# Inverse Universe

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



FDA4B7



FF94AB



E4FDA4



807375



BF0029



40000E



# Previews

## White Background



This preview shows how the Hex color A4B7FD looks on a white background.

## Color Contrast Check

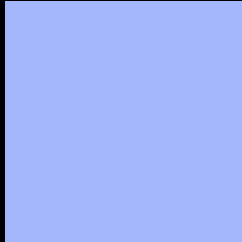
Large Text (above 18pt) WCAG AA × Fail

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 A4B7FD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

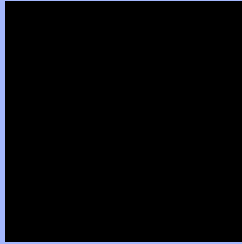
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A4B7FD Background



This preview shows how black text looks on a background with the Hex color A4B7FD.



This preview shows how white text looks on a background with the Hex color A4B7FD.

# 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**

A4B7FD

**Protanopia**

A5B7FD

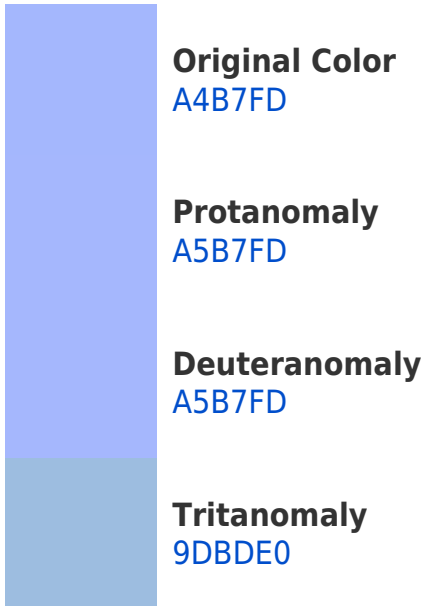
**Deuteranopia**

A5B7FD

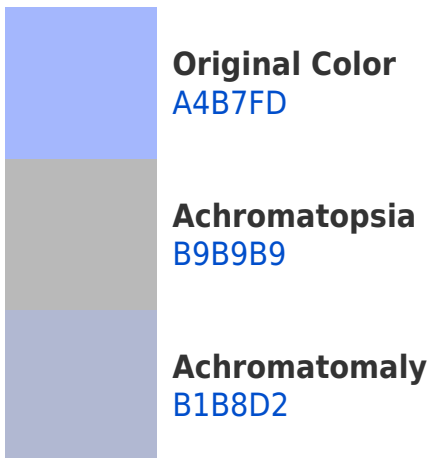


**Tritanopia**  
99C0CF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4B7FD 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 #A4B7FD looks like.

```
.text, #text, p{  
    color:#A4B7FD  
}
```

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 #A4B7FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4B7FD
}
```

## Border

The CSS property to change the border of an element to Hex A4B7FD 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
#A4B7FD }
```

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

```
.border{ border-color:#A4B7FD }
```

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

Here you see how a box with a 4 pixel #A4B7FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4B7FD; -webkit-box-shadow:4px 4px  
4px 4px #A4B7FD; box-shadow:4px 4px 4px  
4px #A4B7FD }
```

# Background

The CSS property to change the background color of an element to Hex A4B7FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4B7FD }
```

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

```
.background{ background-color:#A4B7FD }
```

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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