

# Converting Colors

Hex(A6B7FC)

Have a look what the booklet for  
Hex(A6B7FC) contains.

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# **Color**

**Hex(A6B7FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6B7FC
RGB	166, 183, 252
RGB Percent	65%, 72%, 99%
CMY	0.3490, 0.2824, 0.0118
CMYK	0.34, 0.27, 0.00, 0.01
HSL	228°, 93%, 82%
HSV	228°, 34%, 99%
XYZ	50.2301, 49.0022, 98.9064
YIQ	185.7830, -32.2810, 17.8550

# Conversions

## Conversions Part 2

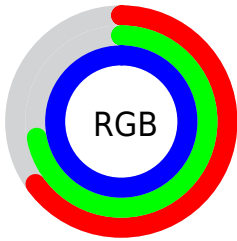
Format	Color
R <sub>Y</sub> B	166, 180, 252
Decimal	10926076
CIE Lab	75.45, 10.05, -36.02
CIE LCh	75, 37.394, 285.595
Yxy	49.0022, 0.2535, 0.2473
Android (android.graphics.Color)	4289116156 (0xFFA6B7FC)
YUV	185.7830, 32.6450, -17.3497
Hunter-Lab	70.0016, 5.5809, -34.7707

# Details

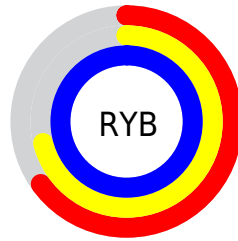
The Hex color **A6B7FC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FCEBA6**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **DFFEFF**, and **6F82C3** is the 20% darker color. If you saturate the color by 10%, you get **8DA3FC**, and if you desaturate by 10%, it is **BFCBFC**.

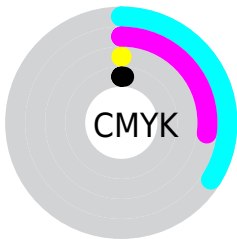
# Distribution



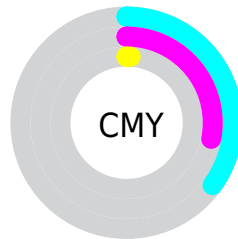
- Red (65%)
- Green (72%)
- Blue (99%)



- Red (65%)
- Yellow (71%)
- Blue (99%)



- Cyan (34%)
- Magenta (27%)
- Yellow (0%)
- Black (1%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color A6B7FC 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 A6B7FC by changing the saturation by 10% instead.



 A6B7FC

 A6B7FC

FFFFFF

 8A9CDF

 DFEFFF

 6F82C3

 FCFFFF

 5469A8

 39518D

 1B3B73

 00255A

 001142

 00032C

 000116

 A6B7FC

 A6B7FC

 8DA3FC

 BFCBFC

 748FFC

 D8DFFC

 5A7AFC

 F2F4FC

 4166FC

FFFFFFC

 2852FC

 0F3EFC

 0032FC

# Harmonies

## Analogous

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



6EC2FC



A6B7FC



D5ABEA

# Triad

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



A6B7FC



F6A78A



6ECBA8

# Complementary

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



A6B7FC



FCEBA6

# 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.



98C689



A6B7FC



E0B277

# Square

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



A6B7FC



FEA0A9



BFBD77



45CDCB

# Rectangle

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



A6B7FC



EBA4D7



BFBD77



7CCA9C



# Sweetspot

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



A6B7FC



E6EBFF



A6FCEB



707380



000000



808080



# Same Dimension

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



A6B7FC



96ABFF



C0A6FC



70737D



0025BD



000C3D



# Inverse Universe

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



FCA6B7



FF96AB



E2FCA6



7D7073



BD0025

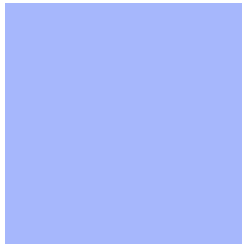


3D000C



# Previews

## White Background



This preview shows how the Hex color A6B7FC looks on a white background.

## Color Contrast Check

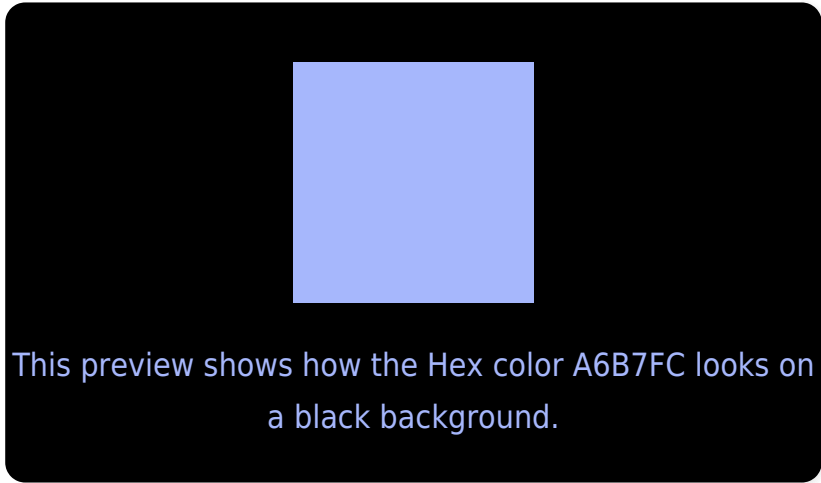
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

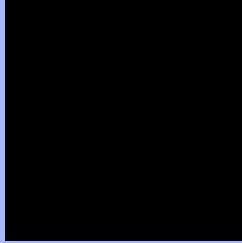
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A6B7FC Background



This preview shows how black text looks on a background with the Hex color A6B7FC.



This preview shows how white text looks on a background with the Hex color A6B7FC.

# 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**  
A6B7FC

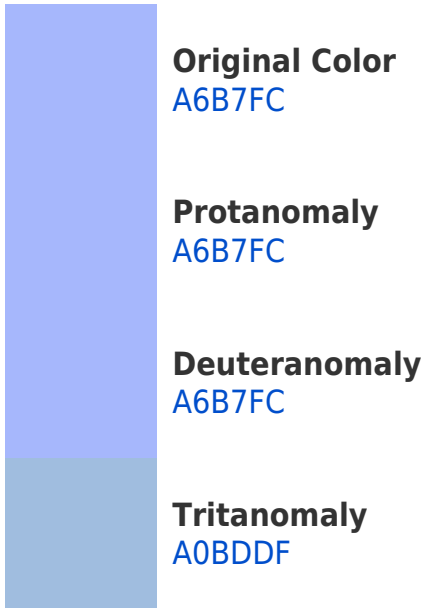
**Protanopia**  
A6B7FC

**Deuteranopia**  
A6B7FC

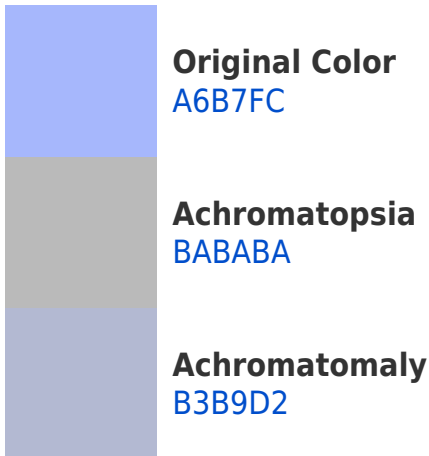


**Tritanopia**  
9CC0CF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6B7FC 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 #A6B7FC looks like.

```
.text, #text, p{  
    color:#A6B7FC  
}
```

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 #A6B7FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6B7FC
}
```

## Border

The CSS property to change the border of an element to Hex A6B7FC 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
#A6B7FC }
```

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

```
.border{ border-color:#A6B7FC }
```

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

Here you see how a box with a 4 pixel #A6B7FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6B7FC; -webkit-box-shadow:4px 4px  
4px 4px #A6B7FC; box-shadow:4px 4px 4px  
4px #A6B7FC }
```

# Background

The CSS property to change the background color of an element to Hex A6B7FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6B7FC }
```

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

```
.background{ background-color:#A6B7FC }
```

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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