

Converting Colors

Hex(A7C3FE)

Have a look what the booklet for
Hex(A7C3FE) contains.

Hex(A7C3FE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A7C3FE)

Conversions

Conversions Part 1

Format	Color
Hex	A7C3FE
RGB	167, 195, 254
RGB Percent	65%, 76%, 100%
CMY	0.3451, 0.2353, 0.0039
CMYK	0.34, 0.23, 0.00, 0.00
HSL	221°, 98%, 83%
HSV	221°, 34%, 100%
XYZ	53.3408, 54.4015, 101.4551
YIQ	193.3540, -35.6270, 12.4130

Conversions

Conversions Part 2

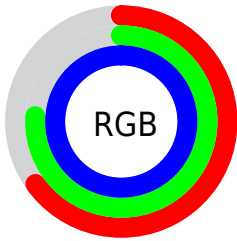
Format	Color
R _Y B	167, 188, 254
Decimal	10994686
CIE Lab	78.70, 4.25, -32.08
CIE LCh	79, 32.358, 277.556
Yxy	54.4015, 0.2550, 0.2600
Android (android.graphics.Color)	4289184766 (0xFFA7C3FE)
YUV	193.3540, 29.8985, -23.1125
Hunter-Lab	73.7573, 0.0147, -29.9248

Details

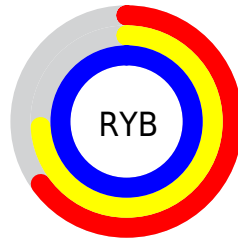
The Hex color **A7C3FE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FEE2A7**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **E0FBFF**, and **708EC5** is the 20% darker color. If you saturate the color by 10%, you get **8EB2FE**, and if you desaturate by 10%, it is **C0D4FE**.

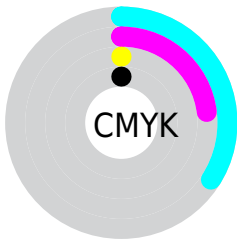
Distribution



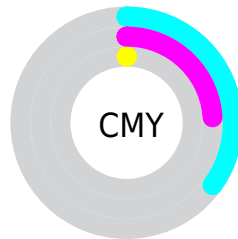
- Red (65%)
- Green (76%)
- Blue (100%)



- Red (65%)
- Yellow (74%)
- Blue (100%)



- Cyan (34%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7C3FE 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 A7C3FE by changing the saturation by 10% instead.

 A7C3FE

 A7C3FE

FFFFFF

 8BA8E1

 E0FBFF

 708EC5

FDFFFF

 5574AA

 3A5C8F

 1D4475

 002E5C

 001A44

 00042E

 000118

 A7C3FE

 A7C3FE

 8EB2FE

 C0D4FE

 74A1FE

 DAE5FE

 5B8FFE

 F3F7FE

 417EFE

FFFFFFE

 286DFE

 0F5CFE

 0052FE

Harmonies

Analogous

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



7CCCFA



A7C3FE



D1B8F3

Triad

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



A7C3FE



FCB09F



8CD2AB

Complementary

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



A7C3FE



FEE2A7

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.



AFCC92



A7C3FE



ECB98C

Square

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



A7C3FE



FEACBC



D1C387



6ED4CA

Rectangle

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



A7C3FE



E7B2E3



D1C387



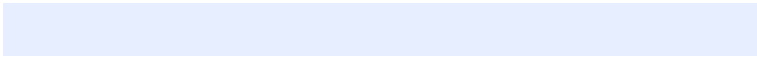
98D0A2

Sweetspot

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



A7C3FE



E6EEFF



A7FEE1



707580



000000



808080

Same Dimension

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



A7C3FE



96B8FF



B5A7FE



737780



003EBF



001540

Inverse Universe

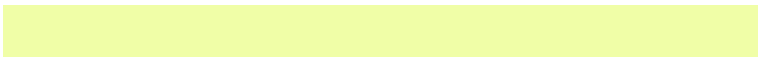
The Inverse Universe completely reimagines the original color for something new.



FEA7C3



FF96B8



F0FEA7



807377



BF003E



400015

Previews

White Background



This preview shows how the Hex color A7C3FE looks on a white background.

Color Contrast Check

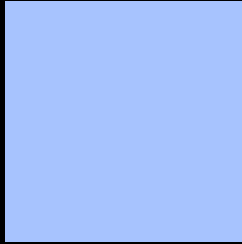
Large Text (above 18pt) WCAG AA × Fail

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 A7C3FE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

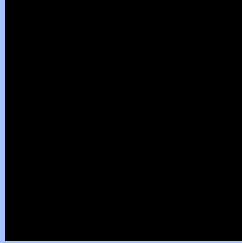
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

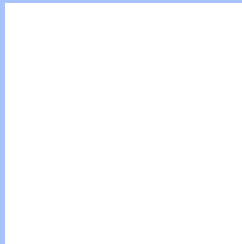
Any Text WCAG AAA ✓ Pass

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

Hex A7C3FE Background



This preview shows how black text looks on a background with the Hex color A7C3FE.



This preview shows how white text looks on a background with the Hex color A7C3FE.

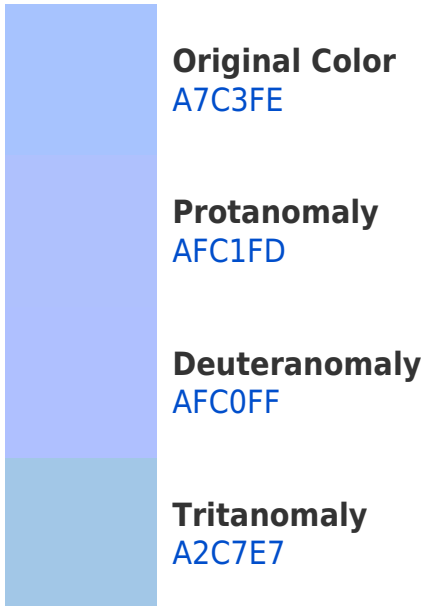
Color Blindness Simulation

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](#).

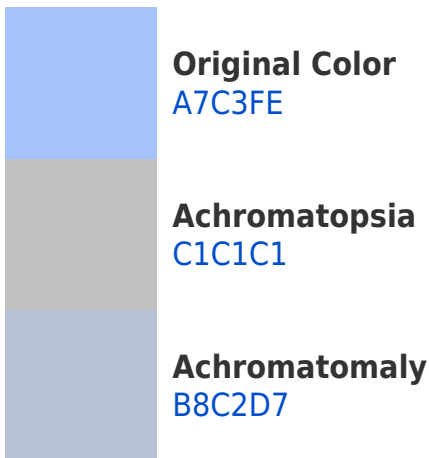
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A7C3FE 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 #A7C3FE looks like.

```
.text, #text, p{  
    color:#A7C3FE  
}
```

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 #A7C3FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7C3FE
}
```

Border

The CSS property to change the border of an element to Hex A7C3FE 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
#A7C3FE }
```

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

```
.border{ border-color:#A7C3FE }
```

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

Here you see how a box with a 4 pixel #A7C3FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7C3FE; -webkit-box-shadow:4px 4px  
4px 4px #A7C3FE; box-shadow:4px 4px 4px  
4px #A7C3FE }
```

Background

The CSS property to change the background color of an element to Hex A7C3FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7C3FE }
```

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

```
.background{ background-color:#A7C3FE }
```

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