

# Converting Colors

Hex(A9D2FD)

Have a look what the booklet for  
Hex(A9D2FD) contains.

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# **Color**

**Hex(A9D2FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9D2FD
RGB	169, 210, 253
RGB Percent	66%, 82%, 99%
CMY	0.3373, 0.1765, 0.0078
CMYK	0.33, 0.17, 0.00, 0.01
HSL	211°, 95%, 83%
HSV	211°, 33%, 99%
XYZ	57.1384, 61.6201, 101.8109
YIQ	202.6430, -38.2390, 4.6810

# Conversions

## Conversions Part 2

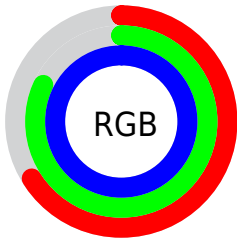
Format	Color
R <sub>Y</sub> B	169, 197, 253
Decimal	11129597
CIE Lab	82.71, -3.49, -25.38
CIE LCh	83, 25.620, 262.170
Yxy	61.6201, 0.2590, 0.2794
Android (android.graphics.Color)	4289319677 (0xFFA9D2FD)
YUV	202.6430, 24.8260, -29.5049
Hunter-Lab	78.4984, -7.4435, -21.9490

# Details

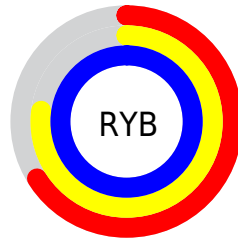
The Hex color **A9D2FD** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FDD4A9**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **E2FFFF**, and **729CC4** is the 20% darker color. If you saturate the color by 10%, you get **90C5FD**, and if you desaturate by 10%, it is **C2DFFD**.

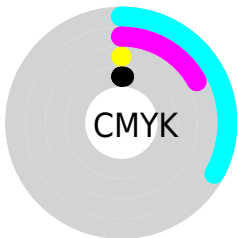
# Distribution



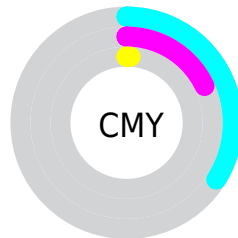
- Red (66%)
- Green (82%)
- Blue (99%)



- Red (66%)
- Yellow (77%)
- Blue (99%)



- Cyan (33%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (34%)
- Magenta (18%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9D2FD 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 A9D2FD by changing the saturation by 10% instead.



 A9D2FD

 A9D2FD

FFFFFF

 8DB6E0

 E2FFFF

 729CC4

 5782A9

 3D698E

 205175

 003A5C

 002444

 000F2E

 000119

 A9D2FD

 A9D2FD

 90C5FD

 C2DFFD

 76B8FD

 DCECFD

 5DABFD

 F5F9FD

 449EFD

FFFFFFD

 2B91FD

 1184FD

 007BFD

# Harmonies

## Analogous

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



90D8F3



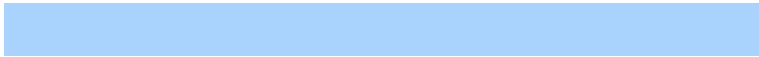
A9D2FD



CACAFA

# Triad

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



A9D2FD



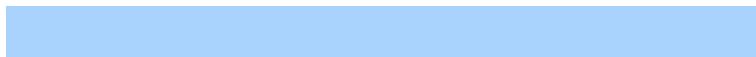
FFBDBD



B2D8B0

# Complementary

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



A9D2FD



FDD4A9

# 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.



CDD2A1



A9D2FD



F8C2A9

# Square

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



A9D2FD



FABDD5



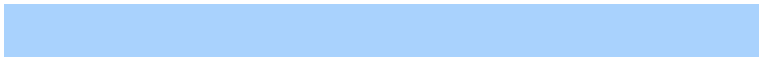
E6CA9F



99DBC6

# Rectangle

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



A9D2FD



DEC4F2



E6CA9F



BBD6AA

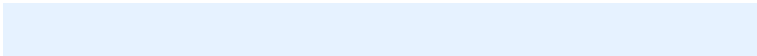


# Sweetspot

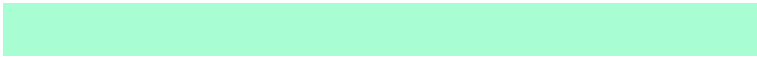
The Sweet Spot groups the original color and five complimentary colors.



A9D2FD



E6F2FF



A9FDD3



707880



000000



808080

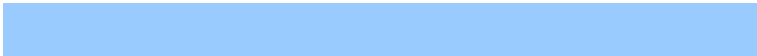


# Same Dimension

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



A9D2FD



99CBFF



A9A9FD



737980



005DBF



001F40



# Inverse Universe

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



FDA9D2



FF99CB



FDFDA9



807379



BF005D

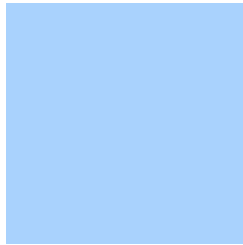


40001F



# Previews

## White Background



This preview shows how the Hex color A9D2FD looks on a white background.

## Color Contrast Check

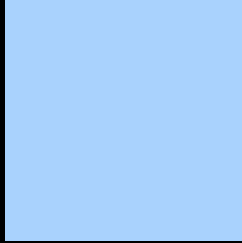
Large Text (above 18pt) WCAG AA × Fail

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 A9D2FD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

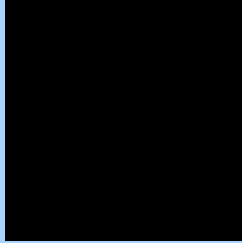
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

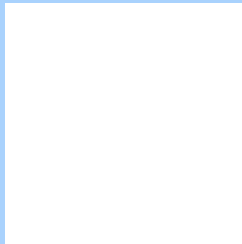
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A9D2FD Background



This preview shows how black text looks on a background with the Hex color A9D2FD.

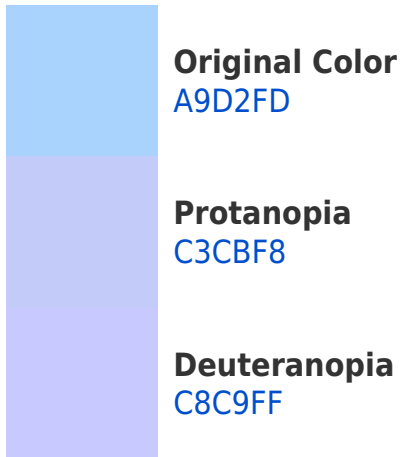


This preview shows how white text looks on a background with the Hex color A9D2FD.

# 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](#).

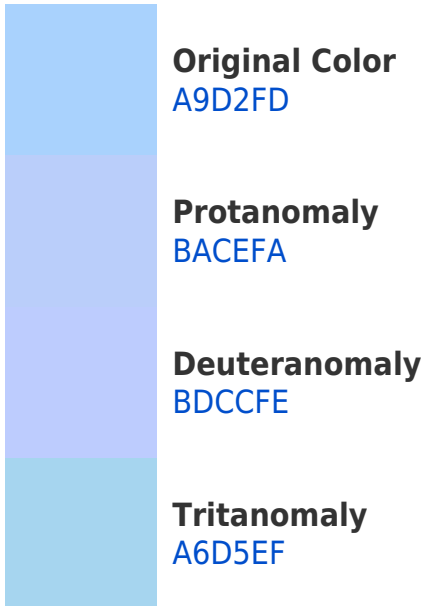
## Dichromacy



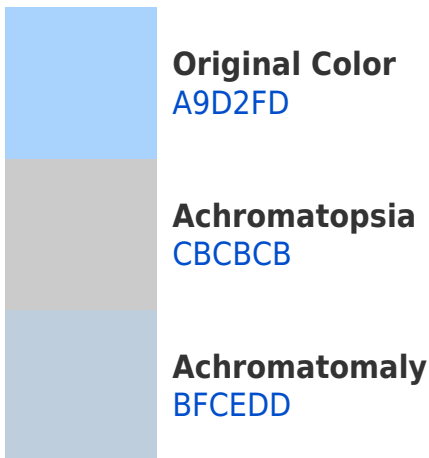


**Tritanopia**  
A4D6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9D2FD 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 #A9D2FD looks like.

```
.text, #text, p{  
    color:#A9D2FD  
}
```

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 #A9D2FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9D2FD
}
```

## Border

The CSS property to change the border of an element to Hex A9D2FD 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
#A9D2FD }
```

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

```
.border{ border-color:#A9D2FD }
```

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

Here you see how a box with a 4 pixel #A9D2FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9D2FD; -webkit-box-shadow:4px 4px  
4px 4px #A9D2FD; box-shadow:4px 4px 4px  
4px #A9D2FD }
```

# Background

The CSS property to change the background color of an element to Hex A9D2FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9D2FD }
```

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

```
.background{ background-color:#A9D2FD }
```

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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