

# Converting Colors

Hex(A9D7FA)

Have a look what the booklet for  
Hex(A9D7FA) contains.

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# **Color**

**Hex(A9D7FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9D7FA
RGB	169, 215, 250
RGB Percent	66%, 84%, 98%
CMY	0.3373, 0.1569, 0.0196
CMYK	0.32, 0.14, 0.00, 0.02
HSL	206°, 89%, 82%
HSV	206°, 32%, 98%
XYZ	57.9179, 63.9380, 99.7312
YIQ	205.2360, -38.6510, 1.1330

# Conversions

## Conversions Part 2

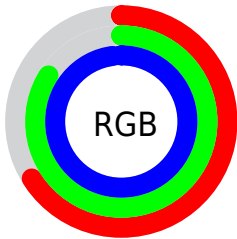
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 198, 250
Decimal	11130874
CIELab	83.93, -6.85, -21.93
CIELCh	84, 22.977, 252.656
Yxy	63.9380, 0.2614, 0.2885
Android (android.graphics.Color)	4289320954 (0xFFA9D7FA)
YUV	205.2360, 22.0687, -31.7790
Hunter-Lab	79.9613, -10.6402, -17.9762

# Details

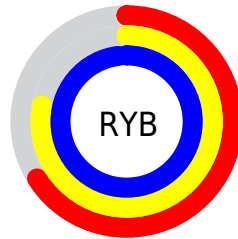
The Hex color **A9D7FA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FACCA9**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **E2FFFF**, and **72A0C1** is the 20% darker color. If you saturate the color by 10%, you get **90CCFA**, and if you desaturate by 10%, it is **C2E2FA**.

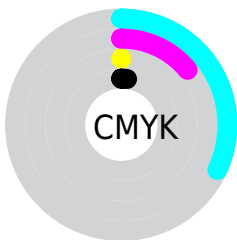
# Distribution



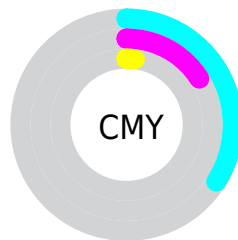
- Red (66%)
- Green (84%)
- Blue (98%)



- Red (66%)
- Yellow (78%)
- Blue (98%)



- Cyan (32%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (34%)
- Magenta (16%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9D7FA 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 A9D7FA by changing the saturation by 10% instead.



 A9D7FA

 A9D7FA

FFFFFF

 8DBBDD

 E2FFFF

 72A0C1

 5886A6

 3D6D8C

 205572

 003E5A

 002842

 00142C

 000117

 A9D7FA

 A9D7FA

 90CCFA

 C2E2FA

 77C1FA

 DBEDFA

 5EB7FA

 F4F7FA

 45ACFA

 FFFFFA

 2CA1FA

 1396FA

 008EFA

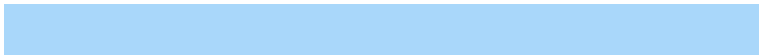
# Harmonies

## Analogous

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



98DCEE



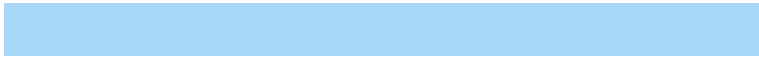
A9D7FA



C5D0FB

# Triad

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



A9D7FA



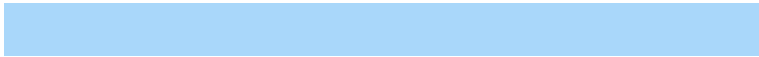
FEC2C9



C0D9B1

# Complementary

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



A9D7FA



FACCA9

# 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.



D8D3A7



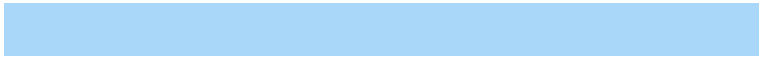
A9D7FA



FBC5B5

# Square

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



A9D7FA



F5C3DF



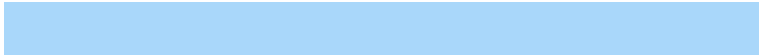
EECCA8



A8DDC4

# Rectangle

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



A9D7FA



D8CBF6



EECCA8

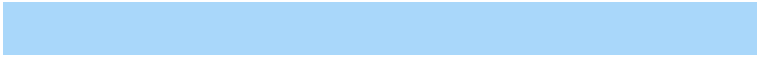


C8D7AD

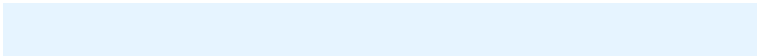


# Sweetspot

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



A9D7FA



E6F4FF



A9FACB



707980



000000

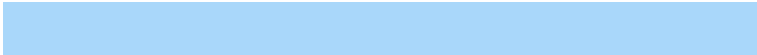


808080

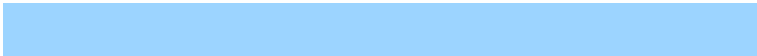


# Same Dimension

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



A9D7FA



9CD4FF



A9B0FA



70787D



006BBD



00233D



# Inverse Universe

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



FAA9D7



FF9CD4



FAF3A9



7D7078



BD006B

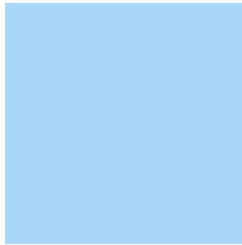


3D0023



# Previews

## White Background



This preview shows how the Hex color A9D7FA looks on a white background.

## Color Contrast Check

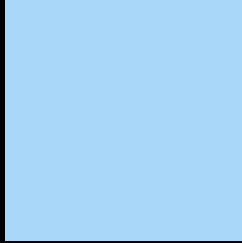
Large Text (above 18pt) WCAG AA × Fail

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 A9D7FA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

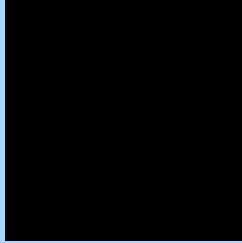
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

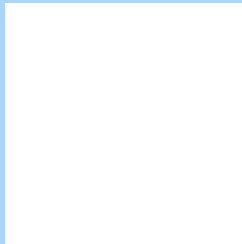
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A9D7FA Background



This preview shows how black text looks on a background with the Hex color A9D7FA.

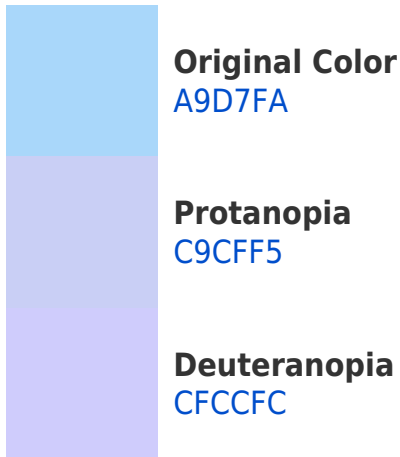


This preview shows how white text looks on a background with the Hex color A9D7FA.

# 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](#).

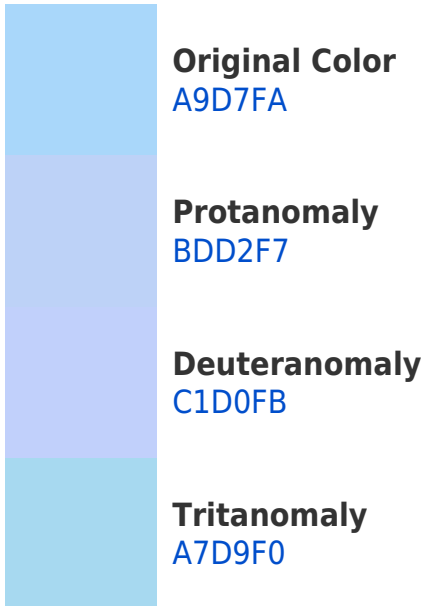
## Dichromacy



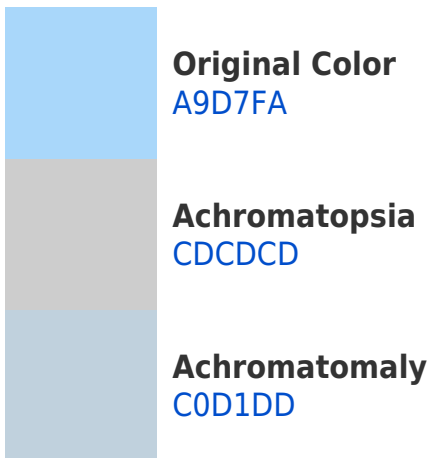


**Tritanopia**  
A6DAEB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9D7FA 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 #A9D7FA looks like.

```
.text, #text, p{  
    color:#A9D7FA  
}
```

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 #A9D7FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9D7FA
}
```

## Border

The CSS property to change the border of an element to Hex A9D7FA 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
#A9D7FA }
```

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

```
.border{ border-color:#A9D7FA }
```

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

Here you see how a box with a 4 pixel #A9D7FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9D7FA; -webkit-box-shadow:4px 4px  
4px 4px #A9D7FA; box-shadow:4px 4px 4px  
4px #A9D7FA }
```

# Background

The CSS property to change the background color of an element to Hex A9D7FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9D7FA }
```

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

```
.background{ background-color:#A9D7FA }
```

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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