

Converting Colors

Hex(A6D7F7)

Have a look what the booklet for
Hex(A6D7F7) contains.

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Color

Hex(A6D7F7)

Conversions

Conversions Part 1

Format	Color
Hex	A6D7F7
RGB	166, 215, 247
RGB Percent	65%, 84%, 97%
CMY	0.3490, 0.1569, 0.0314
CMYK	0.33, 0.13, 0.00, 0.03
HSL	204°, 84%, 81%
HSV	204°, 33%, 97%
XYZ	56.8148, 63.4233, 97.2431
YIQ	203.9970, -39.4760, -0.4360

Conversions

Conversions Part 2

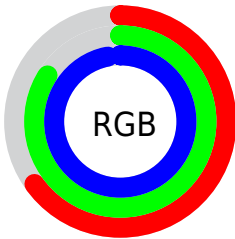
Format	Color
RYB	166, 197, 247
Decimal	10934263
CIELab	83.66, -8.40, -20.77
CIElCh	84, 22.402, 247.980
Yxy	63.4233, 0.2612, 0.2916
Android (android.graphics.Color)	4289124343 (0xFFA6D7F7)
YUV	203.9970, 21.2005, -33.3234
Hunter-Lab	79.6387, -12.0246, -16.6491

Details

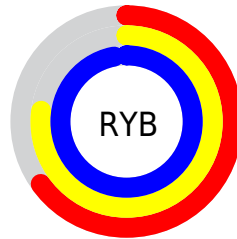
The Hex color **A6D7F7** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F7C6A6**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **DFFFFFF**, and **6FA0BF** is the 20% darker color. If you saturate the color by 10%, you get **8DCDF7**, and if you desaturate by 10%, it is **BFE1F7**.

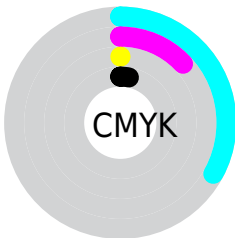
Distribution



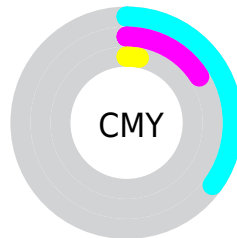
- Red (65%)
- Green (84%)
- Blue (97%)



- Red (65%)
- Yellow (77%)
- Blue (97%)



- Cyan (33%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)



- Cyan (35%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6D7F7 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 A6D7F7 by changing the saturation by 10% instead.

 A6D7F7

 A6D7F7

FFFFFF

 8ABBDA

 DFFFFFF

 6FA0BF

 FCFFFF

 5586A3

 3A6D89

 1D5570

 003D57

 002840

 00142A

 000115

 A6D7F7

 A6D7F7

 8DCDF7

 BFE1F7

 75C3F7

 D7EBF7

 5CBAF7

 F0F4F7

 43B0F7

 FFFEF7

 2BA6F7

 FFFFF7

 129CF7

 0095F7

Harmonies

Analogous

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



98DBEA



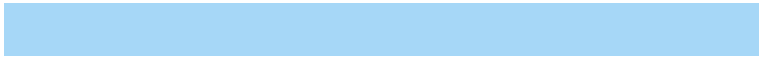
A6D7F7



C0D0FA

Triad

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



A6D7F7



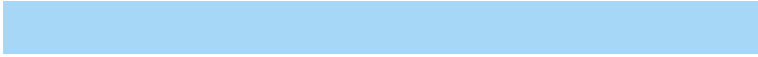
FCC2CC



C3D7AF

Complementary

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



A6D7F7



F7C6A6

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.



DBD1A7



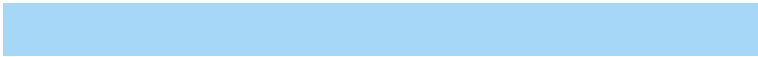
A6D7F7



FBC4B8

Square

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



A6D7F7



F1C4E1



EFCAAA



ACDBC0

Rectangle

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



A6D7F7



D3CCF6



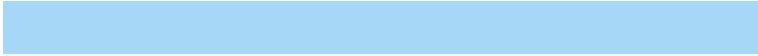
EFCAAA



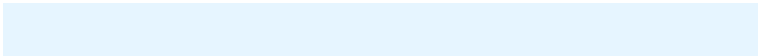
CBD5AB

Sweetspot

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



A6D7F7



E6F5FF



A6F7C5



707980



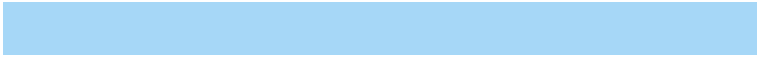
000000



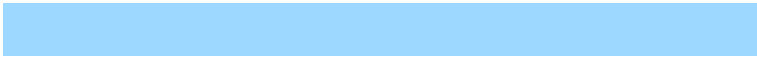
808080

Same Dimension

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



A6D7F7



9CD8FF



A6AFF7



6E767A



0071BA



00233B

Inverse Universe

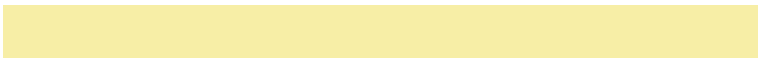
The Inverse Universe completely reimagines the original color for something new.



F7A6D7



FF9CD8



F7EEA6



7A6E76



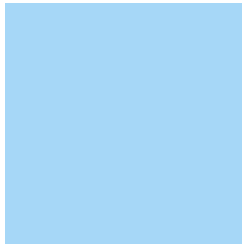
BA0071



3B0023

Previews

White Background



This preview shows how the Hex color A6D7F7 looks on a white background.

Color Contrast Check

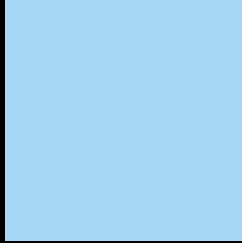
Large Text (above 18pt) WCAG AA × Fail

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 A6D7F7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

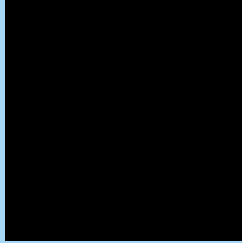
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

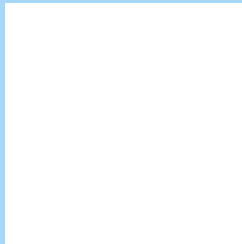
Any Text WCAG AAA ✓ Pass

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

Hex A6D7F7 Background



This preview shows how black text looks on a background with the Hex color A6D7F7.

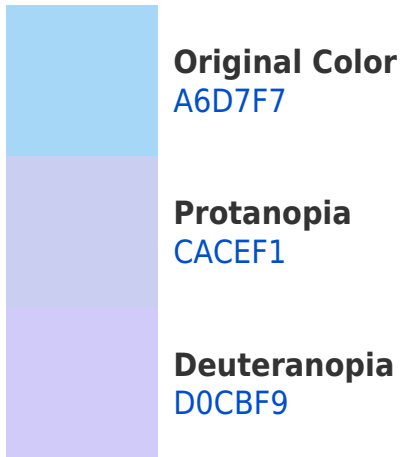


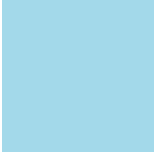
This preview shows how white text looks on a background with the Hex color A6D7F7.

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](#).

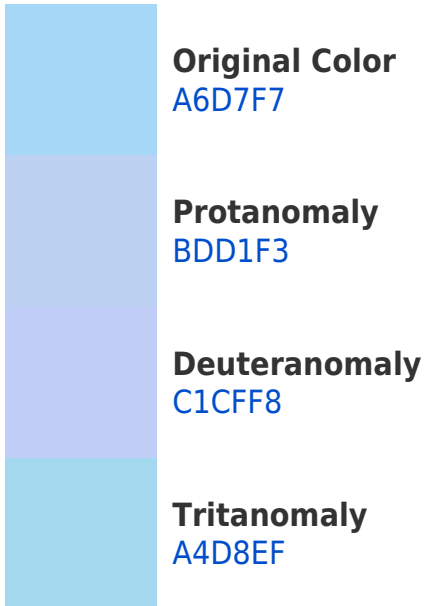
Dichromacy



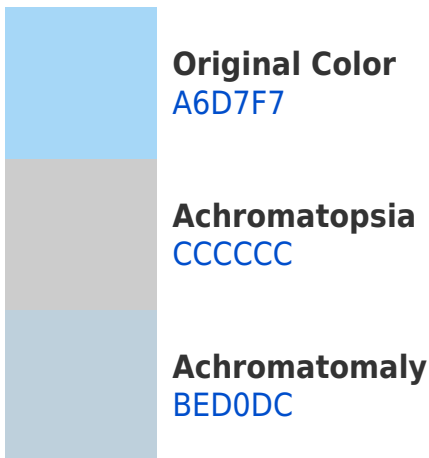


Tritanopia
A3D9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6D7F7 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 #A6D7F7 looks like.

```
.text, #text, p{  
    color:#A6D7F7  
}
```

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 #A6D7F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6D7F7
}
```

Border

The CSS property to change the border of an element to Hex A6D7F7 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
#A6D7F7 }
```

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

```
.border{ border-color:#A6D7F7 }
```

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

Here you see how a box with a 4 pixel #A6D7F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6D7F7; -webkit-box-shadow:4px 4px  
4px 4px #A6D7F7; box-shadow:4px 4px 4px  
4px #A6D7F7 }
```

Background

The CSS property to change the background color of an element to Hex A6D7F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6D7F7 }
```

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

```
.background{ background-color:#A6D7F7 }
```

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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