

Converting Colors

Hex(A6DDFD)

Have a look what the booklet for
Hex(A6DDFD) contains.

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Color

Hex(A6DDFD)

Conversions

Conversions Part 1

Format	Color
Hex	A6DDFD
RGB	166, 221, 253
RGB Percent	65%, 87%, 99%
CMY	0.3490, 0.1333, 0.0078
CMYK	0.34, 0.13, 0.00, 0.01
HSL	202°, 96%, 82%
HSV	202°, 34%, 99%
XYZ	59.3120, 66.9117, 102.7177
YIQ	208.2030, -43.0520, -1.7080

Conversions

Conversions Part 2

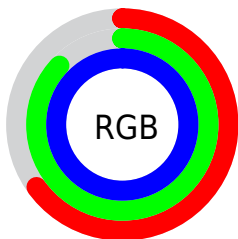
Format	Color
RYB	166, 200, 253
Decimal	10935805
CIELab	85.46, -10.05, -21.22
CIELCh	85, 23.482, 244.653
Yxy	66.9117, 0.2591, 0.2923
Android (android.graphics.Color)	4289125885 (0xFFA6DDFD)
YUV	208.2030, 22.0849, -37.0120
Hunter-Lab	81.7996, -13.7210, -17.1921

Details

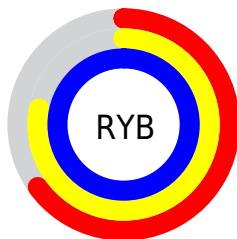
The Hex color **A6DDFD** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FDC6A6**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **DFFFFFF**, and **6FA6C4** is the 20% darker color. If you saturate the color by 10%, you get **8DD4FD**, and if you desaturate by 10%, it is **BFE6FD**.

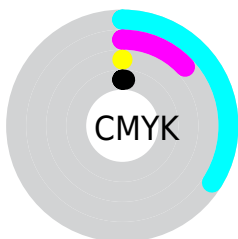
Distribution



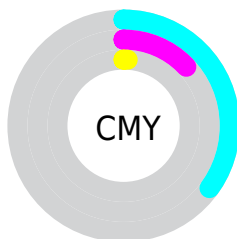
- Red (65%)
- Green (87%)
- Blue (99%)



- Red (65%)
- Yellow (78%)
- Blue (99%)



- Cyan (34%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)



- Cyan (35%)
- Magenta (13%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6DDFD 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 A6DDFD by changing the saturation by 10% instead.

 A6DDFD

 A6DDFD

FFFFFF

 8AC1E0

 DFFFFFF

 6FA6C4

 FCFFFF

 548CA9

 38728F

 195A75

 00425C

 002C44

 00182E

 000119

 A6DDFD

 A6DDFD

 8DD4FD

 BFE6FD

 73CAFD

 D9F0FD

 5AC1FD

 F2F9FD

 41B8FD

FFFFFFD

 28AEFD

 0EA5FD

 00A0FD

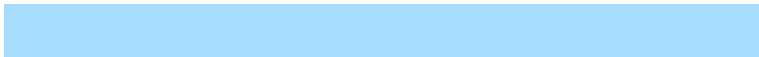
Harmonies

Analogous

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



99E1EE



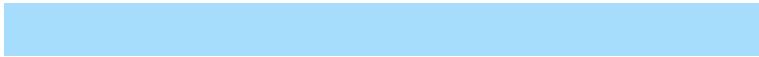
A6DDFD



C0D6FF

Triad

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



A6DDFD



FFC6D3



CADCBI

Complementary

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



A6DDFD



FDC6A6

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.



E3D5A9



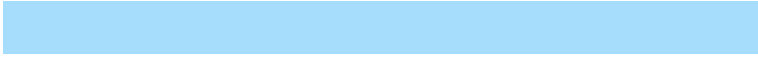
A6DDFD



FFC8BD

Square

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



A6DDFD



F6C8E9



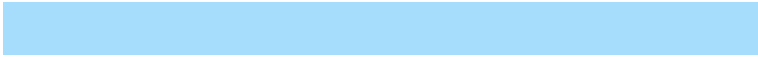
F7CEAE



B2E1C2

Rectangle

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



A6DDFD



D4D1FE



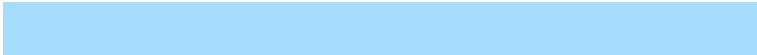
F7CEAE



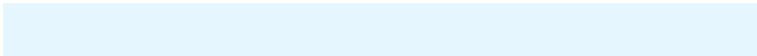
D3DAAD

Sweetspot

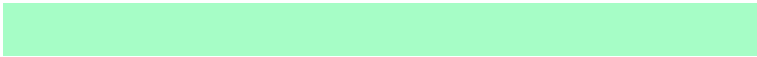
The Sweet Spot groups the original color and five complimentary colors.



A6DDFD



E6F6FF



A6FDC6



707A80



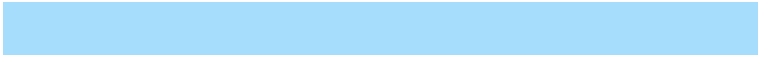
000000



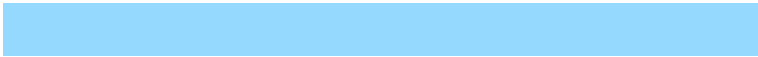
808080

Same Dimension

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



A6DDFD



96D9FF



A6B2FD



737B80



0079BF



002840

Inverse Universe

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



FDA6DD



FF96D9



FDF1A6



80737B



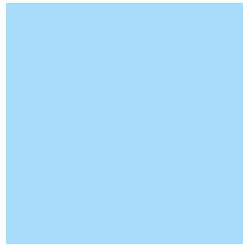
BF0079



400028

Previews

White Background



This preview shows how the Hex color A6DDFD looks on a white background.

Color Contrast Check

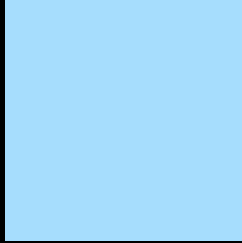
Large Text (above 18pt) WCAG AA × Fail

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 A6DDFD 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 A6DDFD Background



This preview shows how black text looks on a background with the Hex color A6DDFD.



This preview shows how white text looks on a background with the Hex color A6DDFD.

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](#).

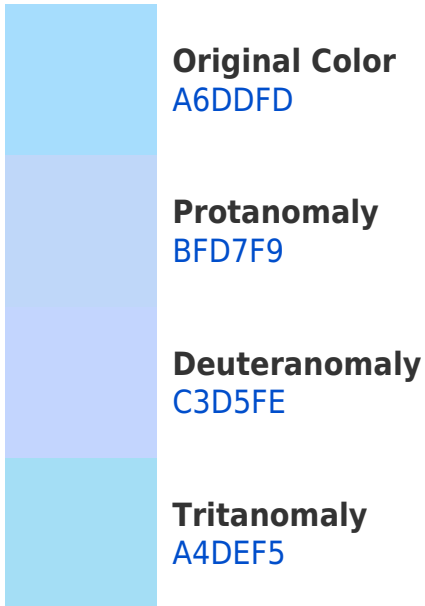
Dichromacy



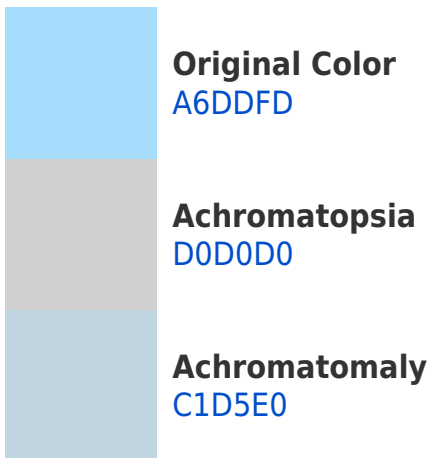


Tritanopia
A3DFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6DDFD 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 #A6DDFD looks like.

```
.text, #text, p{  
    color:#A6DDFD  
}
```

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 #A6DDFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6DDFD
}
```

Border

The CSS property to change the border of an element to Hex A6DDFD 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
#A6DDFD }
```

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

```
.border{ border-color:#A6DDFD }
```

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

Here you see how a box with a 4 pixel #A6DDFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6DDFD; -webkit-box-shadow:4px 4px  
4px 4px #A6DDFD; box-shadow:4px 4px 4px  
4px #A6DDFD }
```

Background

The CSS property to change the background color of an element to Hex A6DDFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6DDFD }
```

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

```
.background{ background-color:#A6DDFD }
```

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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