

Converting Colors

Hex(A6DFFF)

Have a look what the booklet for
Hex(A6DFFF) contains.

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Color

Hex(A6DFFF)

Conversions

Conversions Part 1

Format	Color
Hex	A6DFFF
RGB	166, 223, 255
RGB Percent	65%, 87%, 100%
CMY	0.3490, 0.1255, 0.0000
CMYK	0.35, 0.13, 0.00, 0.00
HSL	202°, 100%, 83%
HSV	202°, 35%, 100%
XYZ	60.1636, 68.1023, 104.5819
YIQ	209.6050, -44.2440, -2.1320

Conversions

Conversions Part 2

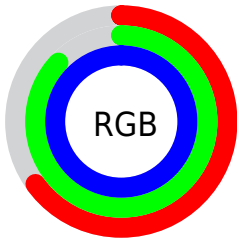
Format	Color
R_{YB}	166, 201, 255
Decimal	10936319
CIE _{Lab}	86.06, -10.60, -21.37
CIE _{LCh}	86, 23.852, 243.626
Yxy	68.1023, 0.2584, 0.2925
Android (android.graphics.Color)	4289126399 (0xFFA6DFFF)
YUV	209.6050, 22.3797, -38.2416
Hunter-Lab	82.5241, -14.2833, -17.3706

Details

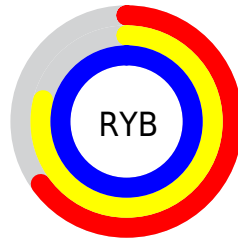
The Hex color **A6DFFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFC6A6**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **DFFFFFF**, and **6FA8C6** is the 20% darker color. If you saturate the color by 10%, you get **8DD6FF**, and if you desaturate by 10%, it is **C0E8FF**.

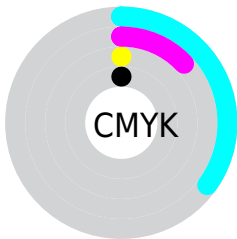
Distribution



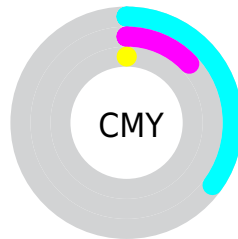
- Red (65%)
- Green (87%)
- Blue (100%)



- Red (65%)
- Yellow (79%)
- Blue (100%)



- Cyan (35%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6DFFF 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 A6DFFF by changing the saturation by 10% instead.

 A6DFFF

 A6DFFF

FFFFFF

 8AC3E2

 DFFFFFF

 6FA8C6

FDFFFF

 538DAB

 377490

 175B77

 00445E

 002E46

 001A30

 00011B

 A6DFFF

 A6DFFF

 8DD6FF

 C0E8FF

 73CDFF

 D9F1FF

 5AC3FF

 F3FBFF

 40BAFF

FFFFFF

 26B1FF

 0DA8FF

 00A3FF

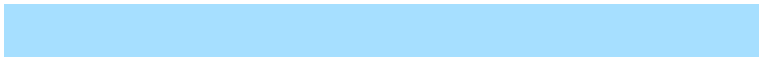
Harmonies

Analogous

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



99E3EF



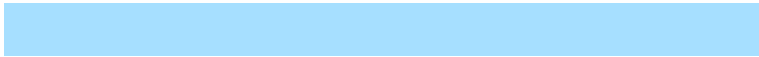
A6DFFF



C1D8FF

Triad

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



A6DFFF



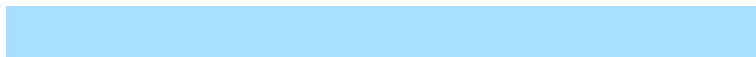
FFC7D5



CDDDB1

Complementary

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



A6DFFF



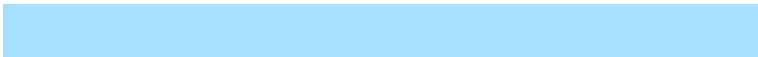
FFC6A6

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.



E6D7AA



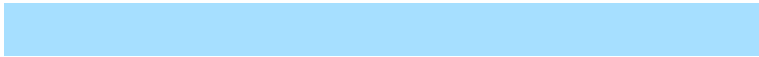
A6DFFF



FFC9BF

Square

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



A6DFFF



F7CAEC



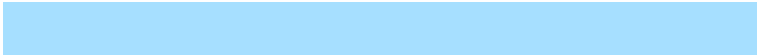
FACFAF



B3E2C3

Rectangle

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



A6DFFF



D5D3FF



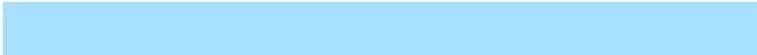
FACFAF



D5DBAE

Sweetspot

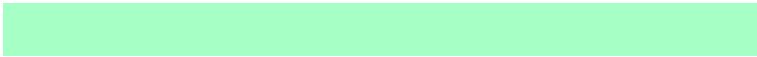
The Sweet Spot groups the original color and five complimentary colors.



A6DFFF



E6F6FF



A6FFC5



707A80



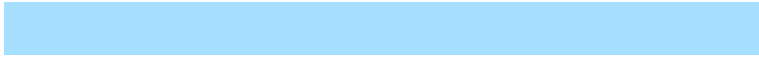
000000



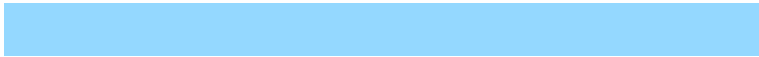
808080

Same Dimension

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



A6DFFF



94D8FF



A6B3FF



737B80



007ABF



002940

Inverse Universe

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



FFA6DF



FF94D8



FFF2A6



80737B



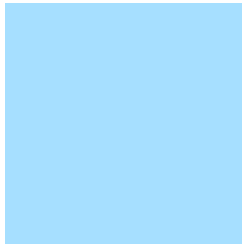
BF007A



400029

Previews

White Background



This preview shows how the Hex color A6DFFF looks on a white background.

Color Contrast Check

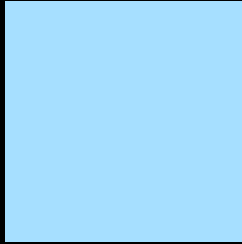
Large Text (above 18pt) WCAG AA × Fail

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 A6DFFF 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

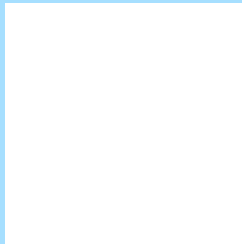
Any Text WCAG AAA ✓ Pass

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

Hex A6DFFF Background



This preview shows how black text looks on a background with the Hex color A6DFFF.

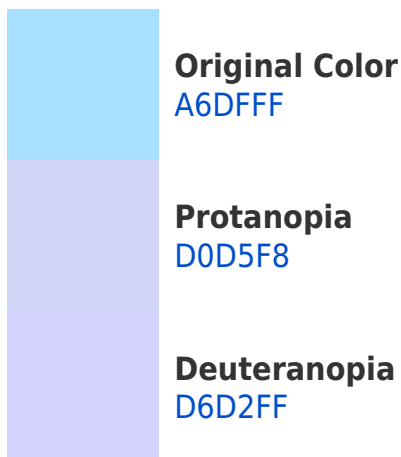


This preview shows how white text looks on a background with the Hex color A6DFFF.

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](#).

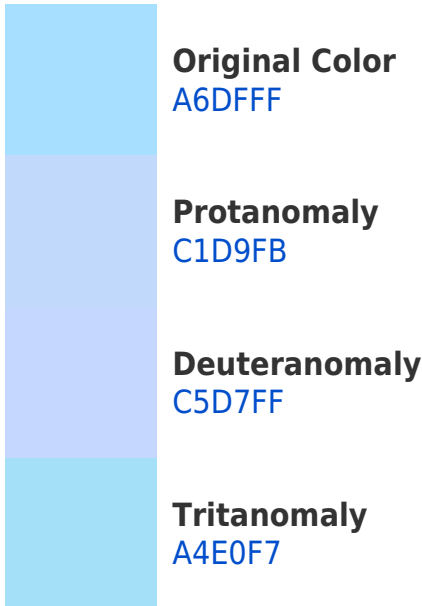
Dichromacy



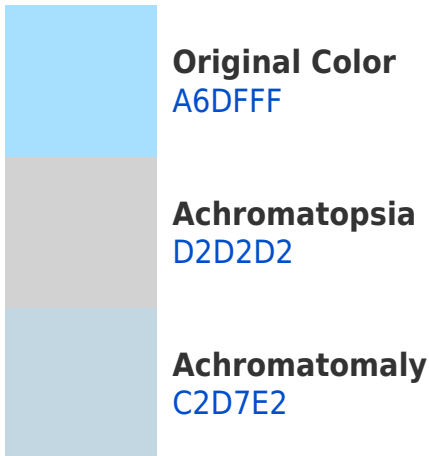


Tritanopia
A3E1F3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6DFFF 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 #A6DFFF looks like.

```
.text, #text, p{  
    color:#A6DFFF  
}
```

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 #A6DFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6DFFF  
}
```

Border

The CSS property to change the border of an element to Hex A6DFFF 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  
#A6DFFF }
```

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

```
.border{ border-color:#A6DFFF }
```

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

Here you see how a box with a 4 pixel #A6DFFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6DFFF; -webkit-box-shadow:4px 4px  
4px 4px #A6DFFF; box-shadow:4px 4px 4px  
4px #A6DFFF }
```

Background

The CSS property to change the background color of an element to Hex A6DFFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6DFFF }
```

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

```
.background{ background-color:#A6DFFF }
```

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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