

Converting Colors

Hex(A6C1FF)

Have a look what the booklet for
Hex(A6C1FF) contains.

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Color

Hex(A6C1FF)

Conversions

Conversions Part 1

Format	Color
Hex	A6C1FF
RGB	166, 193, 255
RGB Percent	65%, 76%, 100%
CMY	0.3490, 0.2431, 0.0000
CMYK	0.35, 0.24, 0.00, 0.00
HSL	222°, 100%, 83%
HSV	222°, 35%, 100%
XYZ	52.8458, 53.4669, 102.1426
YIQ	191.9950, -35.9940, 13.5580

Conversions

Conversions Part 2

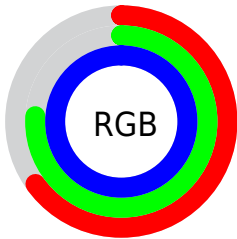
Format	Color
R _Y B	166, 187, 255
Decimal	10928639
CIE Lab	78.15, 5.33, -33.46
CIE LCh	78, 33.879, 279.045
Yxy	53.4669, 0.2535, 0.2565
Android (android.graphics.Color)	4289118719 (0xFFA6C1FF)
YUV	191.9950, 31.0615, -22.7976
Hunter-Lab	73.1211, 1.0431, -31.6373

Details

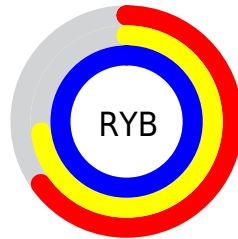
The Hex color **A6C1FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFE4A6**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **DFF9FF**, and **6F8CC6** is the 20% darker color. If you saturate the color by 10%, you get **8DAFFF**, and if you desaturate by 10%, it is **C0D3FF**.

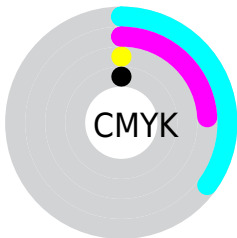
Distribution



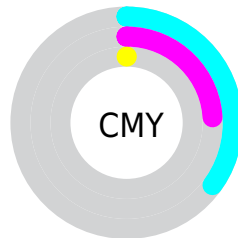
- Red (65%)
- Green (76%)
- Blue (100%)



- Red (65%)
- Yellow (73%)
- Blue (100%)



- Cyan (35%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6C1FF 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 A6C1FF by changing the saturation by 10% instead.

 A6C1FF

 A6C1FF

FFFFFF

 8AA6E2

 DFF9FF

 6F8CC6

 FCFFFF

 5472AB

 395A90

 1A4376

 002D5D

 001945

 00042E

 000119

 A6C1FF

 A6C1FF

 8DAFFF

 C0D3FF

 739DFF

 D9E5FF

 5A8CFF

 F3F6FF

 407AFF

FFFFFF

 2668FF

 0D56FF

 004DFF

Harmonies

Analogous

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



78CBFB



A6C1FF



D2B6F2

Triad

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



A6C1FF



FCAE9B



86D1AA

Complementary

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



A6C1FF



FFE4A6

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.



ABCB90



A6C1FF



EAB887

Square

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



A6C1FF



FFAAB9



CEC283



65D3CA

Rectangle

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



A6C1FF



E8AFE2



CEC283



92CFA0

Sweetspot

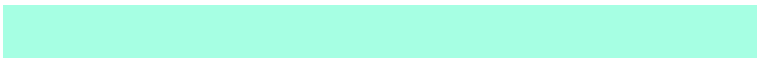
The Sweet Spot groups the original color and five complimentary colors.



A6C1FF



E6EDFF



A6FFE3



707580



000000



808080

Same Dimension

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



A6C1FF



94B4FF



B6A6FF



737780



003ABF



001340

Inverse Universe

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



FFA6C1



FF94B4



EFFFA6



807377



BF003A



400013

Previews

White Background



This preview shows how the Hex color A6C1FF looks on a white background.

Color Contrast Check

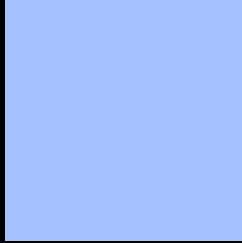
Large Text (above 18pt) WCAG AA × Fail

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 A6C1FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

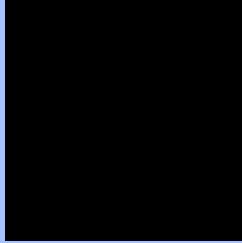
Any Text WCAG AA ✓ Pass

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 A6C1FF Background



This preview shows how black text looks on a background with the Hex color A6C1FF.



This preview shows how white text looks on a background with the Hex color A6C1FF.

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



Original Color
A6C1FF

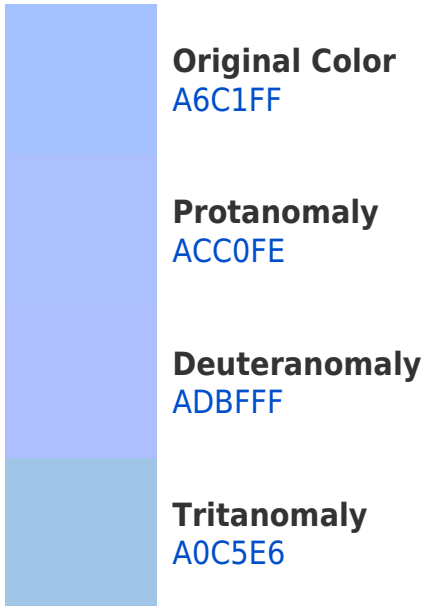
Protanopia
B0BFFD

Deuteranopia
B1BEFF

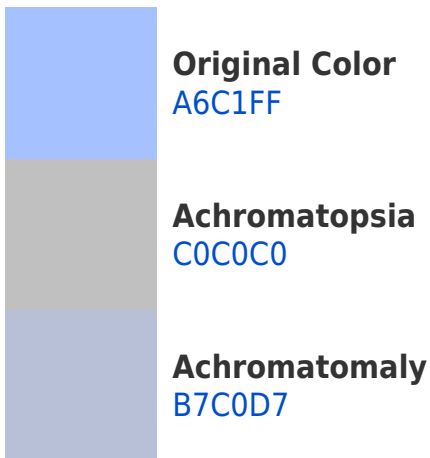


Tritanopia
9DC8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6C1FF 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 #A6C1FF looks like.

```
.text, #text, p{  
    color:#A6C1FF  
}
```

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 #A6C1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6C1FF
}
```

Border

The CSS property to change the border of an element to Hex A6C1FF 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
#A6C1FF }
```

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

```
.border{ border-color:#A6C1FF }
```

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

Here you see how a box with a 4 pixel #A6C1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6C1FF; -webkit-box-shadow:4px 4px  
4px 4px #A6C1FF; box-shadow:4px 4px 4px  
4px #A6C1FF }
```

Background

The CSS property to change the background color of an element to Hex A6C1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6C1FF }
```

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

```
.background{ background-color:#A6C1FF }
```

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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