

Converting Colors

Hex(A6CBFF)

Have a look what the booklet for
Hex(A6CBFF) contains.

Hex(A6CBFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A6CBFF)

Conversions

Conversions Part 1

Format	Color
Hex	A6CBFF
RGB	166, 203, 255
RGB Percent	65%, 80%, 100%
CMY	0.3490, 0.2039, 0.0000
CMYK	0.35, 0.20, 0.00, 0.00
HSL	215°, 100%, 83%
HSV	215°, 35%, 100%
XYZ	55.1318, 58.0389, 102.9046
YIQ	197.8650, -38.7440, 8.3280

Conversions

Conversions Part 2

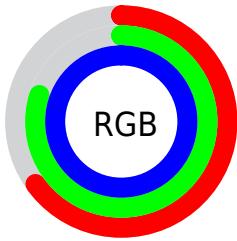
Format	Color
R _Y B	166, 192, 255
Decimal	10931199
CIE Lab	80.76, -0.08, -29.44
CIE LCh	81, 29.442, 269.841
Yxy	58.0389, 0.2552, 0.2686
Android (android.graphics.Color)	4289121279 (0xFFA6CBFF)
YUV	197.8650, 28.1676, -27.9456
Hunter-Lab	76.1832, -4.1449, -26.7578

Details

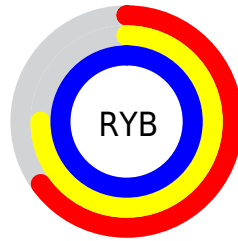
The Hex color **A6CBFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFDAA6**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **DFFFFFF**, and **6F95C6** is the 20% darker color. If you saturate the color by 10%, you get **8DBCFF**, and if you desaturate by 10%, it is **C0DAFF**.

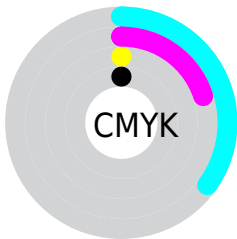
Distribution



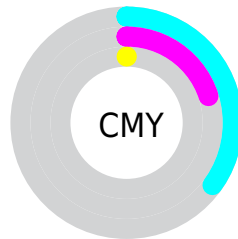
- Red (65%)
- Green (80%)
- Blue (100%)



- Red (65%)
- Yellow (75%)
- Blue (100%)



- Cyan (35%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6CBFF 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 A6CBFF by changing the saturation by 10% instead.

 A6CBFF

 A6CBFF

FFFFFF

 8AB0E2

 DFFFFFF

 6F95C6

 FCFFFF

 547BAB

 396390

 1A4B76

 00345D

 002045

 00062F

 000119

 A6CBFF

 A6CBFF

 8DBCFF

 C0DAFF

 73ADFF

 D9E9FF

 5A9EFF

 F3F8FF

 408FFF

FFFFFF

 2681FF

 0D72FF

 006AFF

Harmonies

Analogous

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



84D3F7



A6CBFF



CDC1F8

Triad

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



A6CBFF



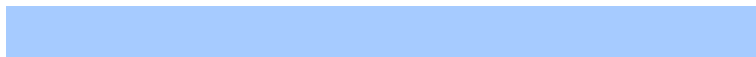
FFB6AE



A0D5AC

Complementary

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



A6CBFF



FFDA66

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.



BFCF98



A6CBFF



F4BD9A

Square

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



A6CBFF



FDB4CA



DDC792



83D8C7

Rectangle

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



A6CBFF



E3BBEC



DDC792



AAD3A4

Sweetspot

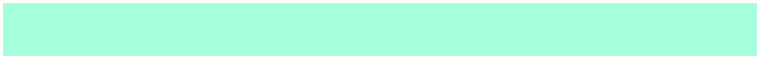
The Sweet Spot groups the original color and five complimentary colors.



A6CBFF



E6F0FF



A6FFDA



707780



000000



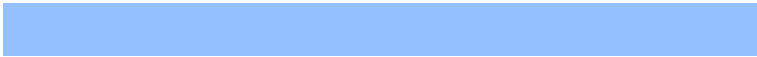
808080

Same Dimension

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



A6CBFF



94C0FF



ADA6FF



737880



0050BF



001B40

Inverse Universe

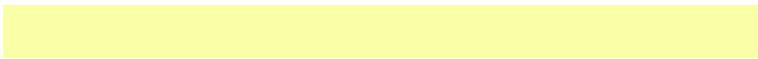
The Inverse Universe completely reimagines the original color for something new.



FFA6CB



FF94C0



F8FFA6



807378



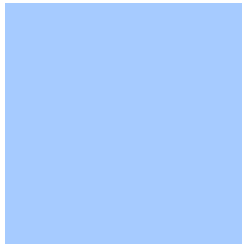
BF0050



40001B

Previews

White Background



This preview shows how the Hex color A6CBFF looks on a white background.

Color Contrast Check

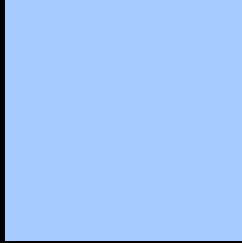
Large Text (above 18pt) WCAG AA × Fail

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 A6CBFF 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

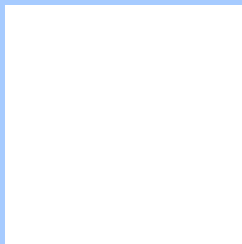
Any Text WCAG AAA ✓ Pass

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

Hex A6CBFF Background



This preview shows how black text looks on a background with the Hex color A6CBFF.



This preview shows how white text looks on a background with the Hex color A6CBFF.

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](#).

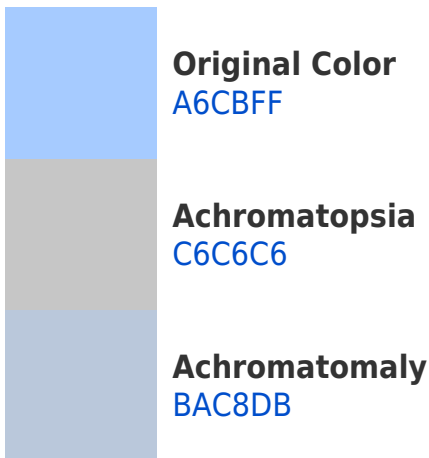
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6CBFF 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 #A6CBFF looks like.

```
.text, #text, p{  
    color:#A6CBFF  
}
```

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 #A6CBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6CBFF
}
```

Border

The CSS property to change the border of an element to Hex A6CBFF 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
#A6CBFF }
```

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

```
.border{ border-color:#A6CBFF }
```

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

Here you see how a box with a 4 pixel #A6CBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6CBFF; -webkit-box-shadow:4px 4px  
4px 4px #A6CBFF; box-shadow:4px 4px 4px  
4px #A6CBFF }
```

Background

The CSS property to change the background color of an element to Hex A6CBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6CBFF }
```

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

```
.background{ background-color:#A6CBFF }
```

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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