

Converting Colors

Hex(A3CAFF)

Have a look what the booklet for
Hex(A3CAFF) contains.

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Color

Hex(A3CAFF)

Conversions

Conversions Part 1

Format	Color
Hex	A3CAFF
RGB	163, 202, 255
RGB Percent	64%, 79%, 100%
CMY	0.3608, 0.2078, 0.0000
CMYK	0.36, 0.21, 0.00, 0.00
HSL	215°, 100%, 82%
HSV	215°, 36%, 100%
XYZ	54.2748, 57.2476, 102.7970
YIQ	196.3810, -40.2570, 8.2150

Conversions

Conversions Part 2

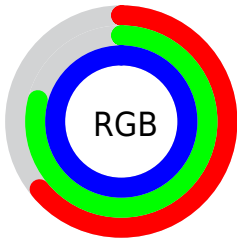
Format	Color
R_{YB}	163, 190, 255
Decimal	10734335
CIE _{Lab}	80.32, -0.35, -30.14
CIE _{LCh}	80, 30.137, 269.335
Y _{xy}	57.2476, 0.2532, 0.2671
Android (android.graphics.Color)	4288924415 (0xFFA3CAFF)
Y _{UV}	196.3810, 28.8992, -29.2751
Hunter-Lab	75.6621, -4.3652, -27.5898

Details

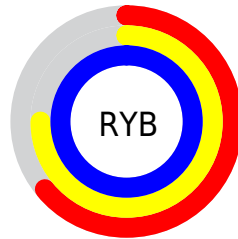
The Hex color **A3CAFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD8A3**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **DCFFFF**, and **6C94C6** is the 20% darker color. If you saturate the color by 10%, you get **89BBFF**, and if you desaturate by 10%, it is **BCD9FF**.

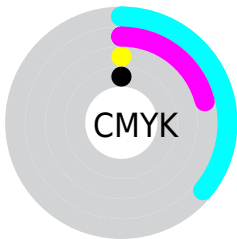
Distribution



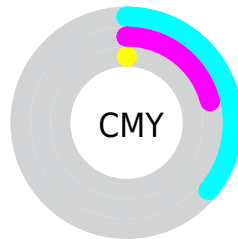
- Red (64%)
- Green (79%)
- Blue (100%)



- Red (64%)
- Yellow (75%)
- Blue (100%)



- Cyan (36%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3CAFF 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 A3CAFF by changing the saturation by 10% instead.

 A3CAFF

 A3CAFF


FFFFFF

 87AFE2

 DCFE22

 6C94C6

 F9FFFF

 517AAB

 356290

 144A76

 00345D

 001F45

 00052F

 000119

 A3CAFF

 A3CAFF

 89BBFF

 BCD9FF

 70ADFF

 D6E7FF

 569EFF

 EFF6FF

 3D8FFF

FFFFFF

 2381FF

 0A72FF

 006CFF

Harmonies

Analogous

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



80D2F7



A3CAFF



CBC0F8

Triad

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



A3CAFF



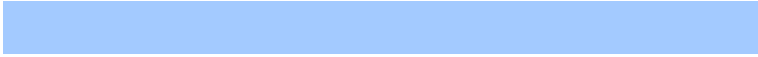
FFB5AD



9ED4AA

Complementary

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



A3CAFF



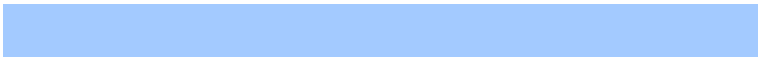
FFD8A3

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.



BECE96



A3CAFF



F3BC98

Square

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



A3CAFF



FDB3C9



DCC58F



80D7C6

Rectangle

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



A3CAFF



E1BAEC



DCC58F



A9D2A2

Sweetspot

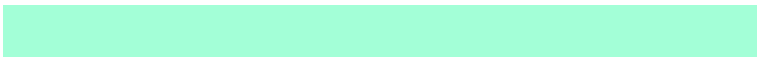
The Sweet Spot groups the original color and five complimentary colors.



A3CAFF



E3EFFF



A3FFD7



6F7680



000000



808080

Same Dimension

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



A3CAFF



91C0FF



A9A3FF



737880



0051BF



001B40

Inverse Universe

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



FFA3CA



FF91C0



F9FFA3



807378



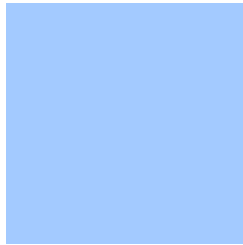
BF0051



40001B

Previews

White Background



This preview shows how the Hex color A3CAFF looks on a white background.

Color Contrast Check

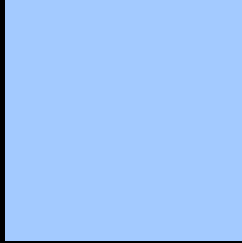
Large Text (above 18pt) WCAG AA × Fail

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 A3CAFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

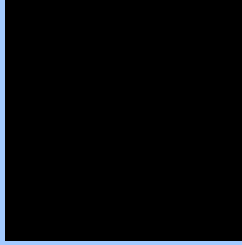
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

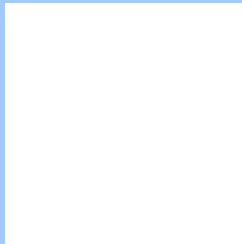
Any Text WCAG AAA ✓ Pass

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

Hex A3CAFF Background



This preview shows how black text looks on a background with the Hex color A3CAFF.



This preview shows how white text looks on a background with the Hex color A3CAFF.

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](#).

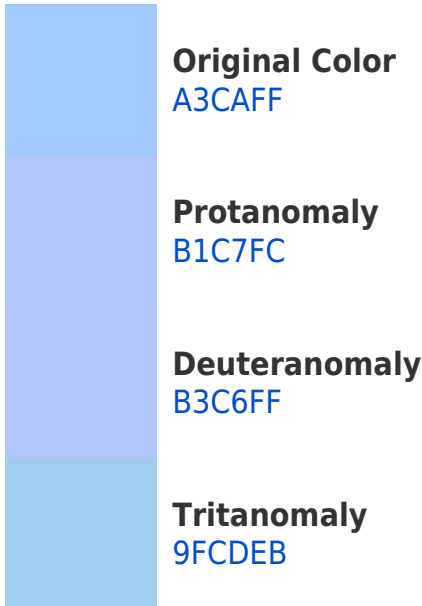
Dichromacy



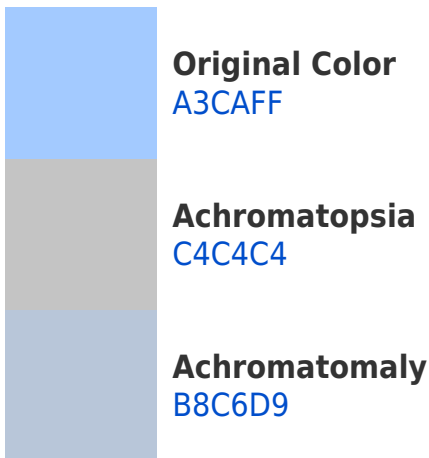


Tritanopia
9CCFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A3CAFF 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 #A3CAFF looks like.

```
.text, #text, p{  
    color:#A3CAFF  
}
```

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 #A3CAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3CAFF
}
```

Border

The CSS property to change the border of an element to Hex A3CAFF 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
#A3CAFF }
```

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

```
.border{ border-color:#A3CAFF }
```

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

Here you see how a box with a 4 pixel #A3CAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3CAFF; -webkit-box-shadow:4px 4px  
4px 4px #A3CAFF; box-shadow:4px 4px 4px  
4px #A3CAFF }
```

Background

The CSS property to change the background color of an element to Hex A3CAFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3CAFF }
```

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

```
.background{ background-color:#A3CAFF }
```

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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