

# Converting Colors

Hex(A3AFF1)

Have a look what the booklet for  
Hex(A3AFF1) contains.

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# **Color**

**Hex(A3AFF1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3AFF1
RGB	163, 175, 241
RGB Percent	64%, 69%, 95%
CMY	0.3608, 0.3137, 0.0549
CMYK	0.32, 0.27, 0.00, 0.05
HSL	231°, 74%, 79%
HSV	231°, 32%, 95%
XYZ	46.3114, 44.7973, 89.4250
YIQ	178.9360, -28.3380, 17.9820

# Conversions

## Conversions Part 2

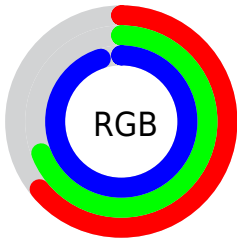
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	163, 173, 241
Decimal	10727409
CIE Lab	72.76, 10.87, -34.26
CIE LCh	73, 35.947, 287.599
Yxy	44.7973, 0.2565, 0.2481
Android (android.graphics.Color)	4288917489 (0xFFA3AFF1)
YUV	178.9360, 30.5976, -13.9759
Hunter-Lab	66.9308, 6.3805, -32.3646

# Details

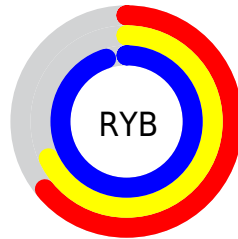
The Hex color **A3AFF1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F1E5A3**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **DBE6FF**, and **6D7BB9** is the 20% darker color. If you saturate the color by 10%, you get **8B9BF1**, and if you desaturate by 10%, it is **BBC3F1**.

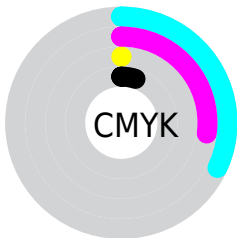
# Distribution



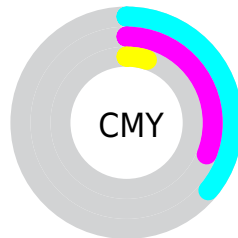
- Red (64%)
- Green (69%)
- Blue (95%)



- Red (64%)
- Yellow (68%)
- Blue (95%)



- Cyan (32%)
- Magenta (27%)
- Yellow (0%)
- Black (5%)



- Cyan (36%)
- Magenta (31%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3AFF1 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 A3AFF1 by changing the saturation by 10% instead.



 A3AFF1

 A3AFF1

FFFFFF

 8894D4

 DBE6FF

 6D7BB9

 F9FFFF

 52629E

 384A83

 1C346A

 001F51

 00073A

 000224

 00000B

 A3AFF1

 A3AFF1

 8B9BF1

 BBC3F1

 7386F1

 D3D8F1

 5B72F1

 EBECF1

 435DF1

 FFFFF1

 2B49F1

 1235F1

 0025F1

# Harmonies

## Analogous

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



6EBAF2



A3AFF1



CFA3DF

# Triad

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



A3AFF1



EBA183



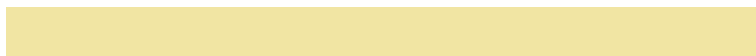
67C3A3

# Complementary

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



A3AFF1



F1E5A3

# 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.



90BF85



A3AFF1



D5AC72

# Square

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



A3AFF1



F49AA0



B5B773



42C4C5

# Rectangle

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



A3AFF1



E39DCC



B5B773



75C298



# Sweetspot

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



A3AFF1



E6E9FF



A3F1E4



707380



000000



808080



# Same Dimension

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



A3AFF1



9CABFF



BDA3F1



6C6E78



001CB8



000938



# Inverse Universe

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



F1A3AF



FF9CAB



D7F1A3



786C6E



B8001C

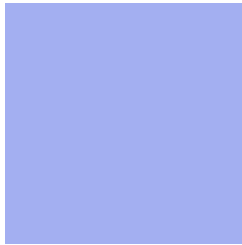


380009



# Previews

## White Background



This preview shows how the Hex color A3AFF1 looks on a white background.

## Color Contrast Check

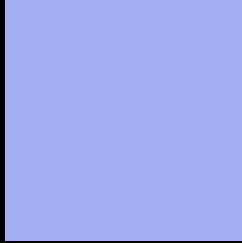
Large Text (above 18pt) WCAG AA × Fail

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 A3AFF1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

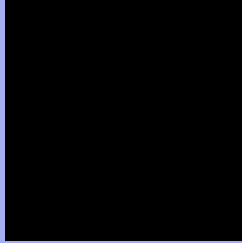
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A3AFF1 Background



This preview shows how black text looks on a background with the Hex color A3AFF1.



This preview shows how white text looks on a background with the Hex color A3AFF1.

# 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**  
A3AFF1

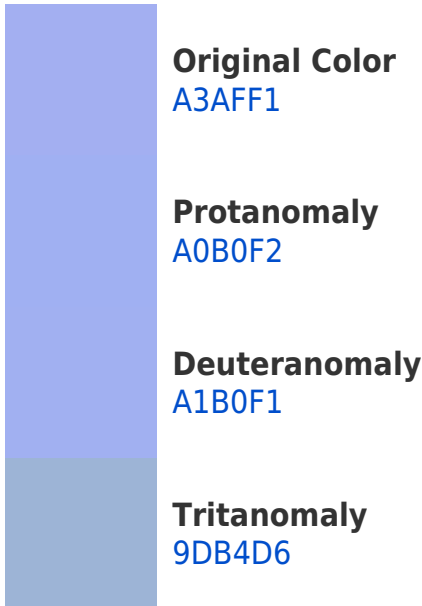
**Protanopia**  
9FB0F2

**Deuteranopia**  
A0B0F1

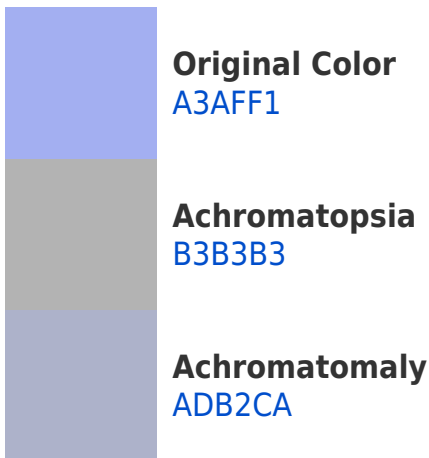


**Tritanopia**  
9AB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3AFF1 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 #A3AFF1 looks like.

```
.text, #text, p{  
    color:#A3AFF1  
}
```

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 #A3AFF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3AFF1  
}
```

## Border

The CSS property to change the border of an element to Hex A3AFF1 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  
#A3AFF1 }
```

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

```
.border{ border-color:#A3AFF1 }
```

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

Here you see how a box with a 4 pixel #A3AFF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3AFF1; -webkit-box-shadow:4px 4px  
4px 4px #A3AFF1; box-shadow:4px 4px 4px  
4px #A3AFF1 }
```

# Background

The CSS property to change the background color of an element to Hex A3AFF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3AFF1 }
```

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

```
.background{ background-color:#A3AFF1 }
```

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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