

# Converting Colors

Hex(A3AAF7)

Have a look what the booklet for  
Hex(A3AAF7) contains.

<b>Hex(A3AAF7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(A3AAF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3AAF7
RGB	163, 170, 247
RGB Percent	64%, 67%, 97%
CMY	0.3608, 0.3333, 0.0314
CMYK	0.34, 0.31, 0.00, 0.03
HSL	235°, 84%, 80%
HSV	235°, 34%, 97%
XYZ	46.2675, 43.2514, 93.9055
YIQ	176.6850, -28.8890, 22.4630

# Conversions

## Conversions Part 2

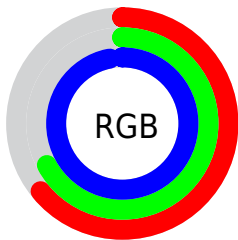
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	163, 169, 247
Decimal	10726135
CIE Lab	71.73, 15.20, -39.12
CIE LCh	72, 41.971, 291.228
Yxy	43.2514, 0.2522, 0.2358
Android (android.graphics.Color)	4288916215 (0xFFA3AAF7)
YUV	176.6850, 34.6653, -12.0017
Hunter-Lab	65.7658, 10.4880, -38.6228

# Details

The Hex color **A3AAF7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F7F0A3**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **DCE1FF**, and **6C76BE** is the 20% darker color. If you saturate the color by 10%, you get **8A93F7**, and if you desaturate by 10%, it is **BCC1F7**.

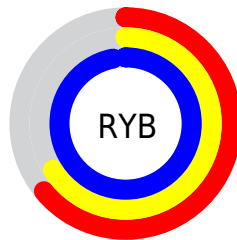
# Distribution



Red (64%)

Green (67%)

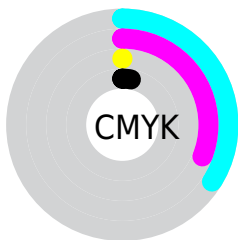
Blue (97%)



Red (64%)

Yellow (66%)

Blue (97%)

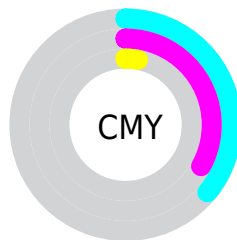


Cyan (34%)

Magenta (31%)

Yellow (0%)

Black (3%)



Cyan (36%)

Magenta (33%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3AAF7 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 A3AAF7 by changing the saturation by 10% instead.



 A3AAF7

 A3AAF7


FFFFFF

 8790DA

 DCE1FF

 6C76BE

 F9FEFF

 515DA3

 364688

 18306F

 001C56

 00003E

 000327

 000111

 A3AAF7

 A3AAF7

 8A93F7

 BCC1F7

 727DF7

 D4D7F7

 5966F7

 EDEEF7

 404FF7

 FFFFF7

 2839F7

 0F22F7

 0015F7

# Harmonies

## Analogous

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



5FB7FB



A3AAF7



D59CE0

# Triad

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



A3AAF7



EE9C75



4AC3A3

# Complementary

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



A3AAF7



F7F0A3

# 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.



81BF7E



A3AAF7



D2AA64

# Square

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



A3AAF7



FA9396



ADB667



00C4CA

# Rectangle

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



A3AAF7



EB95C9



ADB667



5EC296



# Sweetspot

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



A3AAF7



E6E8FF



A3F7F0



707180



000000



808080



# Same Dimension

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



A3AAF7



969FFF



C6A3F7



6E6F7A



0010BA



00053B



# Inverse Universe

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



F7A3AA



FF969F



D4F7A3



7A6E6F



BA0010

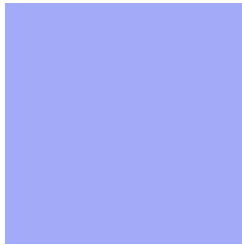


3B0005



# Previews

## White Background



This preview shows how the Hex color A3AAF7 looks on a white background.

## Color Contrast Check

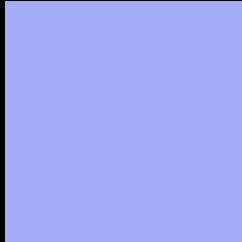
Large Text (above 18pt) WCAG AA × Fail

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 A3AAF7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

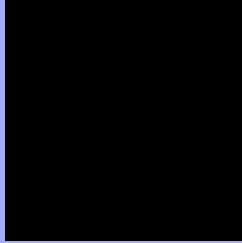
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A3AAF7 Background



This preview shows how black text looks on a background with the Hex color A3AAF7.



This preview shows how white text looks on a background with the Hex color A3AAF7.

# 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](#).

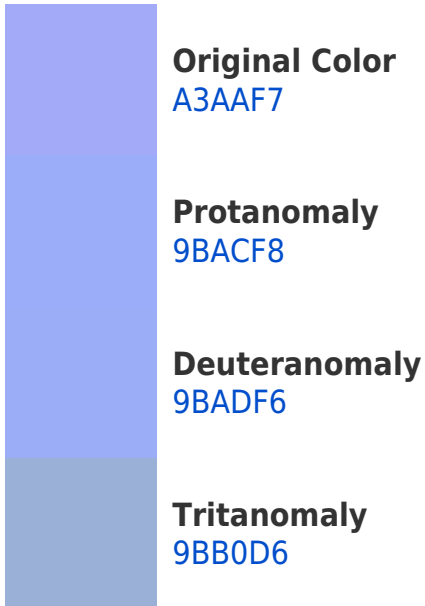
## Dichromacy



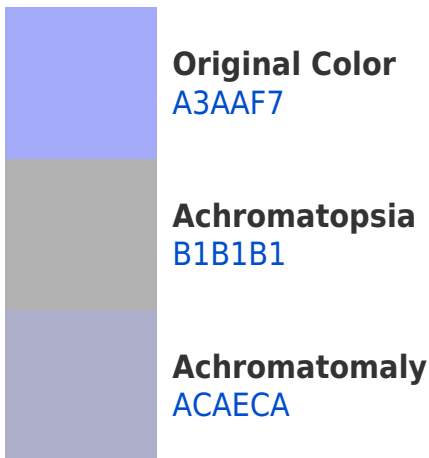


**Tritanopia**  
97B4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3AAF7 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 #A3AAF7 looks like.

```
.text, #text, p{  
    color:#A3AAF7  
}
```

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 #A3AAF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3AAF7
}
```

## Border

The CSS property to change the border of an element to Hex A3AAF7 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
#A3AAF7 }
```

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

```
.border{ border-color:#A3AAF7 }
```

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

Here you see how a box with a 4 pixel #A3AAF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3AAF7; -webkit-box-shadow:4px 4px  
4px 4px #A3AAF7; box-shadow:4px 4px 4px  
4px #A3AAF7 }
```

# Background

The CSS property to change the background color of an element to Hex A3AAF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3AAF7 }
```

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

```
.background{ background-color:#A3AAF7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor