

# Converting Colors

Hex(A4A7F3)

Have a look what the booklet for  
Hex(A4A7F3) contains.

<b>Hex(A4A7F3)</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(A4A7F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4A7F3
RGB	164, 167, 243
RGB Percent	64%, 65%, 95%
CMY	0.3569, 0.3451, 0.0471
CMYK	0.33, 0.31, 0.00, 0.05
HSL	238°, 77%, 80%
HSV	238°, 33%, 95%
XYZ	45.3062, 42.0010, 90.5131
YIQ	174.7670, -26.1840, 23.0000

# Conversions

## Conversions Part 2

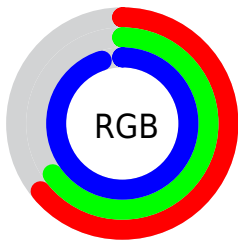
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">164, 167, 243</a>
Decimal	<a href="#">10790899</a>
CIELab	<a href="#">70.87, 16.13, -38.27</a>
CIELCh	<a href="#">71, 41.536, 292.856</a>
Yxy	<a href="#">42.0010, 0.2548, 0.2362</a>
Android (android.graphics.Color)	<a href="#">4288980979 (0xFFA4A7F3)</a>
YUV	<a href="#">174.7670, 33.6389, -9.4427</a>
Hunter-Lab	<a href="#">64.8082, 11.3718, -37.4405</a>

# Details

The Hex color **A4A7F3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F3F0A4**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **DDDEFF**, and **6E73BA** is the 20% darker color. If you saturate the color by 10%, you get **8C90F3**, and if you desaturate by 10%, it is **BCBEF3**.

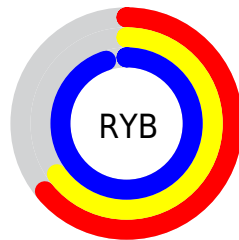
# Distribution



Red (64%)

Green (65%)

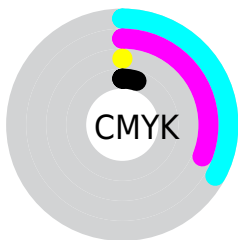
Blue (95%)



Red (64%)

Yellow (65%)

Blue (95%)

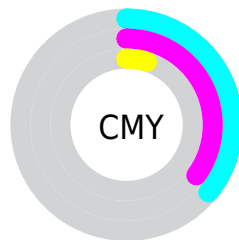


Cyan (33%)

Magenta (31%)

Yellow (0%)

Black (5%)



Cyan (36%)

Magenta (35%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4A7F3 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 A4A7F3 by changing the saturation by 10% instead.



 A4A7F3

 A4A7F3

FFFFFF

 898DD6

 DDDEFF

 6E73BA

 FAFBFF


 535B9F

 384385

 1B2D6B

 001953

 00003B

 000225

 00010D

 A4A7F3

 A4A7F3

 8C90F3

 BCBEF3

 7378F3

 D5D6F3


 5B61F3

 EDEDF3

 4349F3

 FFFFF3

 2B32F3

 121BF3

 0009F3

# Harmonies

## Analogous

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



62B4F8



A4A7F3



D499DC

# Triad

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



A4A7F3



E99B72



46C1A3

# Complementary

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



A4A7F3



F3F0A4

# 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.



7CBC7E



A4A7F3



CEA862

# Square

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



A4A7F3



F69192



A8B466



00C1CA

# Rectangle

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



A4A7F3



E992C5



A8B466



5AC096



# Sweetspot

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



A4A7F3



E6E6FF



A4F3EF



707180



000000



808080



# Same Dimension

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



A4A7F3



9C9FFF



C8A4F3



6E6F7A



0007BA



00023B



# Inverse Universe

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



F3A4A7



FF9C9F



CFF3A4



7A6E6F



BA0007

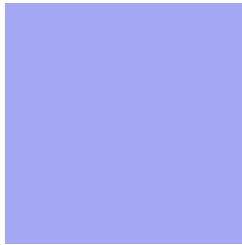


3B0002



# Previews

## White Background



This preview shows how the Hex color A4A7F3 looks on a white background.

## Color Contrast Check

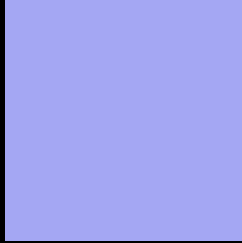
Large Text (above 18pt) WCAG AA × Fail

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 A4A7F3 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 A4A7F3 Background



This preview shows how black text looks on a background with the Hex color A4A7F3.

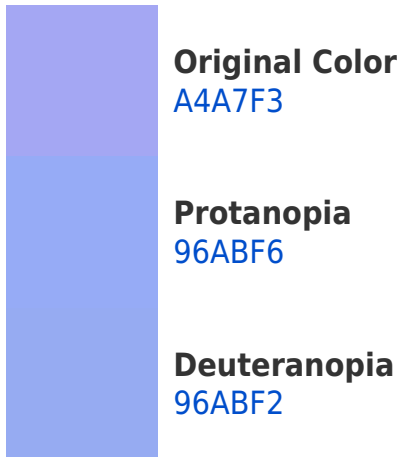


This preview shows how white text looks on a background with the Hex color A4A7F3.

# 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](#).

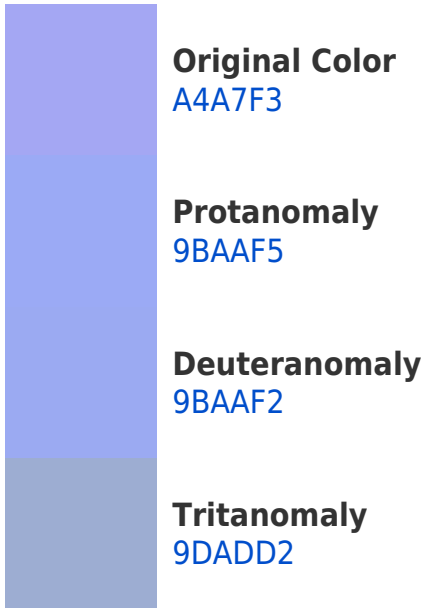
## Dichromacy



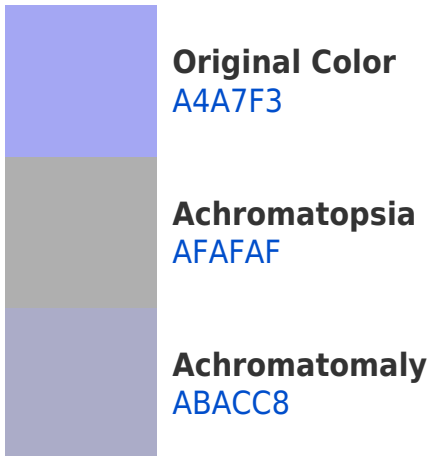


**Tritanopia**  
99B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4A7F3 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 #A4A7F3 looks like.

```
.text, #text, p{  
    color:#A4A7F3  
}
```

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 #A4A7F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4A7F3
}
```

## Border

The CSS property to change the border of an element to Hex A4A7F3 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
#A4A7F3 }
```

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

```
.border{ border-color:#A4A7F3 }
```

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

Here you see how a box with a 4 pixel #A4A7F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4A7F3; -webkit-box-shadow:4px 4px  
4px 4px #A4A7F3; box-shadow:4px 4px 4px  
4px #A4A7F3 }
```

# Background

The CSS property to change the background color of an element to Hex A4A7F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4A7F3 }
```

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

```
.background{ background-color:#A4A7F3 }
```

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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