

# Converting Colors

Hex(A3A3F5)

Have a look what the booklet for  
Hex(A3A3F5) contains.

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# **Color**

**Hex(A3A3F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3A3F5
RGB	163, 163, 245
RGB Percent	64%, 64%, 96%
CMY	0.3608, 0.3608, 0.0392
CMYK	0.33, 0.33, 0.00, 0.04
HSL	240°, 80%, 80%
HSV	240°, 33%, 96%
XYZ	44.6829, 40.5735, 91.8626
YIQ	172.3480, -26.3220, 25.5020

# Conversions

## Conversions Part 2

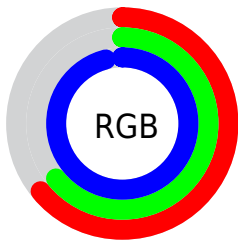
Format	Color
R <sub>Y</sub> B	163, 163, 245
Decimal	10724341
CIE Lab	69.88, 18.62, -40.92
CIE LCh	70, 44.960, 294.472
Yxy	40.5735, 0.2523, 0.2291
Android (android.graphics.Color)	4288914421 (0xFFA3A3F5)
YUV	172.3480, 35.8174, -8.1982
Hunter-Lab	63.6973, 13.7452, -40.9184

# Details

The Hex color **A3A3F5** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F5F5A3**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **DCDAFF**, and **6C6FBC** is the 20% darker color. If you saturate the color by 10%, you get **8B8BF5**, and if you desaturate by 10%, it is **BBBBF5**.

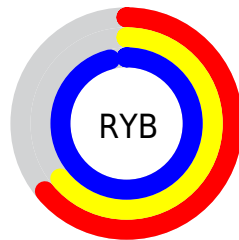
# Distribution



Red (64%)

Green (64%)

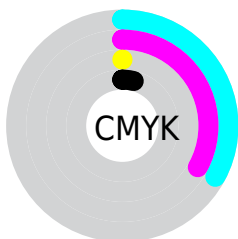
Blue (96%)



Red (64%)

Yellow (64%)

Blue (96%)

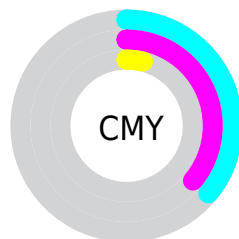


Cyan (33%)

Magenta (33%)

Yellow (0%)

Black (4%)



Cyan (36%)

Magenta (36%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3A3F5 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 A3A3F5 by changing the saturation by 10% instead.



 A3A3F5

 A3A3F5


FFFFFF

 8789D8

 DCDAFF

 6C6FBC

 F9F6FF

 5157A1

 364087

 182A6D

 001654

 00003D

 000226

 00010F

 A3A3F5

 A3A3F5

 8B8BF5

 BBBBF5

 7272F5

 D4D4F5

 5A5AF5

 ECECF5

 4141F5

 FFFFF5

 2929F5

 1010F5

 0000F5

# Harmonies

## Analogous

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



57B1FC



A3A3F5



D694DB

# Triad

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



A3A3F5



E9976A



2BBFA2

# Complementary

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



A3A3F5



F5F5A3

# 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.



72BB7A



A3A3F5



CBA658

# Square

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



A3A3F5



F8C8B



A2B35E



00C0CB

# Rectangle

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



A3A3F5



EC8CC2



A2B35E



49BF94



# Sweetspot

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



A3A3F5



E6E6FF



A3F5F5



707080



000000



808080



# Same Dimension

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



A3A3F5



9999FF



CCA3F5



6E6E7A



0000BA



00003B



# Inverse Universe

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



F5A3F5



FF99FF



CCF5A3



7A6E7A



BA00BA

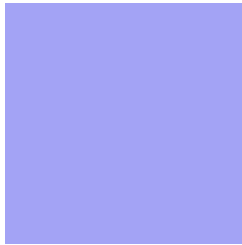


3B003B



# Previews

## White Background



This preview shows how the Hex color A3A3F5 looks on a white background.

## Color Contrast Check

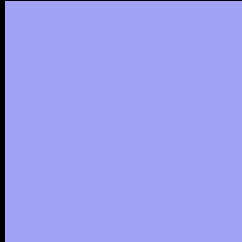
Large Text (above 18pt) WCAG AA × Fail

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 A3A3F5 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 A3A3F5 Background



This preview shows how black text looks on a background with the Hex color A3A3F5.

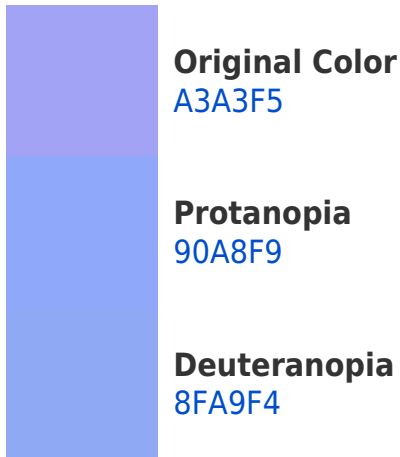


This preview shows how white text looks on a background with the Hex color A3A3F5.

# 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](#).

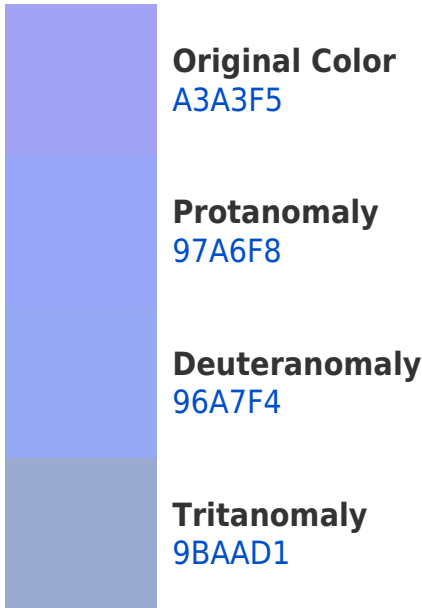
## Dichromacy



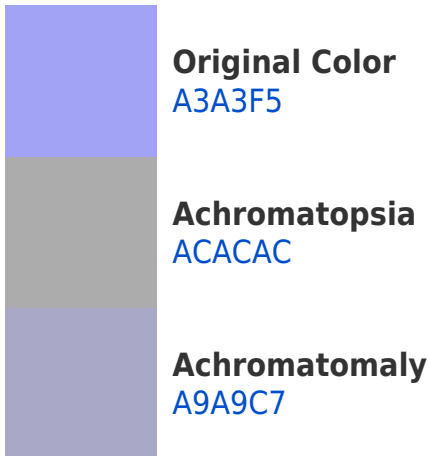


**Tritanopia**  
97AEB3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3A3F5 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 #A3A3F5 looks like.

```
.text, #text, p{  
    color:#A3A3F5  
}
```

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 #A3A3F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3A3F5
}
```

## Border

The CSS property to change the border of an element to Hex A3A3F5 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
#A3A3F5 }
```

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

```
.border{ border-color:#A3A3F5 }
```

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

Here you see how a box with a 4 pixel #A3A3F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3A3F5; -webkit-box-shadow:4px 4px  
4px 4px #A3A3F5; box-shadow:4px 4px 4px  
4px #A3A3F5 }
```

# Background

The CSS property to change the background color of an element to Hex A3A3F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3A3F5 }
```

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

```
.background{ background-color:#A3A3F5 }
```

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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