

# Converting Colors

Hex(A7A6E9)

Have a look what the booklet for  
Hex(A7A6E9) contains.

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# Color

**Hex(A7A6E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7A6E9
RGB	167, 166, 233
RGB Percent	65%, 65%, 91%
CMY	0.3451, 0.3490, 0.0863
CMYK	0.28, 0.29, 0.00, 0.09
HSL	241°, 60%, 78%
HSV	241°, 29%, 91%
XYZ	44.2805, 41.3711, 82.7424
YIQ	173.9370, -20.9110, 21.0490

# Conversions

## Conversions Part 2

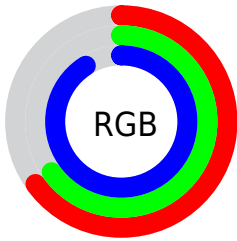
Format	Color
R <sub>YB</sub>	167, 166, 233
Decimal	10987241
CIE Lab	70.44, 15.04, -33.48
CIE LCh	70, 36.708, 294.195
Yxy	41.3711, 0.2630, 0.2457
Android (android.graphics.Color)	4289177321 (0xFFA7A6E9)
YUV	173.9370, 29.1181, -6.0837
Hunter-Lab	64.3204, 10.3254, -31.2470

# Details

The Hex color **A7A6E9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E8E9A6**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **DFDDFF**, and **7172B1** is the 20% darker color. If you saturate the color by 10%, you get **908FE9**, and if you desaturate by 10%, it is **BEBDE9**.

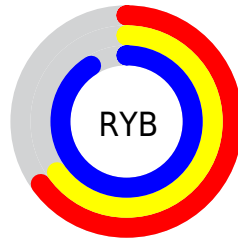
# Distribution



Red (65%)

Green (65%)

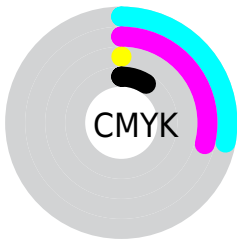
Blue (91%)



Red (65%)

Yellow (65%)

Blue (91%)

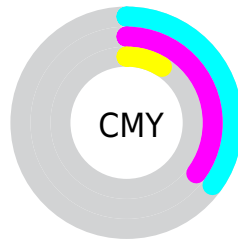


Cyan (28%)

Magenta (29%)

Yellow (0%)

Black (9%)



Cyan (35%)

Magenta (35%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7A6E9 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 A7A6E9 by changing the saturation by 10% instead.




 A7A6E9

 A7A6E9

FFFFFF

 8C8CCD

 DFDDFF

 7172B1

 FCFAFF

 575A96

 3E427C

 242C63

 04184B

 000034

 00021E

 000000

 A7A6E9

 A7A6E9

 908FE9

 BEBDE9

 7977E9

 D5D5E9

 6260E9

 ECECE9

 4B49E9

 FFFFE9

 3432E9

 1D1AE9

 0603E9

 0300E9

# Harmonies

## Analogous

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



72B1EE



A7A6E9



D09AD4

# Triad

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



A7A6E9



E19D77



55BEA4

# Complementary

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



A7A6E9



E8E9A6

# 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.



80BA84



A7A6E9



C8A86A

# Square

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



A7A6E9



ED9493



A7B36E



2CBEC6

# Rectangle

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



A7A6E9



E295BF



A7B36E



64BD99



# Sweetspot

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



A7A6E9



E8E8FF



A6E9E9



727180



000000



808080



# Same Dimension

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



A7A6E9



A7A6FF



C8A6E9



6A6A75



0300B5



010036



# Inverse Universe

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



E9A6E8



FFA6FE



C8E9A6



756A75



B500B2

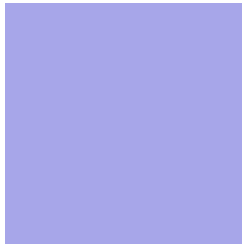


360035



# Previews

## White Background



This preview shows how the Hex color A7A6E9 looks on a white background.

## Color Contrast Check

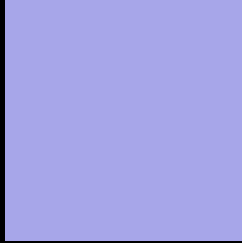
Large Text (above 18pt) WCAG AA × Fail

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 A7A6E9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

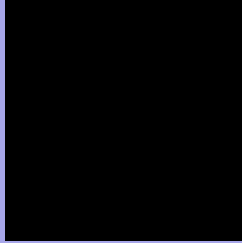
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A7A6E9 Background



This preview shows how black text looks on a background with the Hex color A7A6E9.



This preview shows how white text looks on a background with the Hex color A7A6E9.

# 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](#).

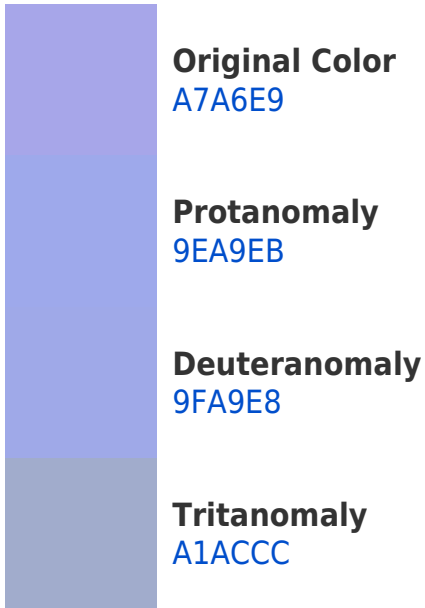
## Dichromacy



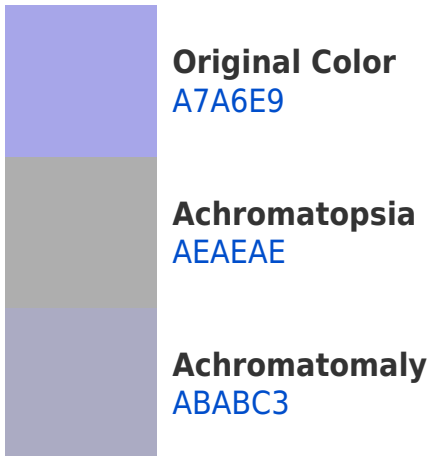


**Tritanopia**  
9EAFBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7A6E9 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 #A7A6E9 looks like.

```
.text, #text, p{  
    color:#A7A6E9  
}
```

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 #A7A6E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7A6E9
}
```

## Border

The CSS property to change the border of an element to Hex A7A6E9 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
#A7A6E9 }
```

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

```
.border{ border-color:#A7A6E9 }
```

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

Here you see how a box with a 4 pixel #A7A6E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7A6E9; -webkit-box-shadow:4px 4px  
4px 4px #A7A6E9; box-shadow:4px 4px 4px  
4px #A7A6E9 }
```

# Background

The CSS property to change the background color of an element to Hex A7A6E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7A6E9 }
```

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

```
.background{ background-color:#A7A6E9 }
```

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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