

# Converting Colors

Hex(A1A9EE)

Have a look what the booklet for  
Hex(A1A9EE) contains.

<b>Hex(A1A9EE)</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(A1A9EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1A9EE
RGB	161, 169, 238
RGB Percent	63%, 66%, 93%
CMY	0.3686, 0.3373, 0.0667
CMYK	0.32, 0.29, 0.00, 0.07
HSL	234°, 69%, 78%
HSV	234°, 32%, 93%
XYZ	44.3185, 42.1260, 86.6842
YIQ	174.4740, -26.9170, 19.7630

# Conversions

## Conversions Part 2

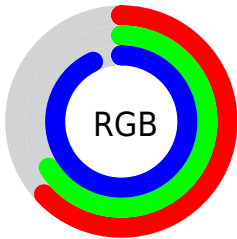
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">161, 168, 238</a>
Decimal	<a href="#">10594798</a>
CIELab	<a href="#">70.96, 12.90, -35.44</a>
CIELCh	<a href="#">71, 37.712, 290.007</a>
Yxy	<a href="#">42.1260, 0.2560, 0.2433</a>
Android (android.graphics.Color)	<a href="#">4288784878 (0xFFA1A9EE)</a>
YUV	<a href="#">174.4740, 31.3183, -11.8167</a>
Hunter-Lab	<a href="#">64.9046, 8.3014, -33.7524</a>

# Details

The Hex color **A1A9EE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EEE6A1**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **D9E0FF**, and **6B75B6** is the 20% darker color. If you saturate the color by 10%, you get **8994EE**, and if you desaturate by 10%, it is **B9BEEE**.

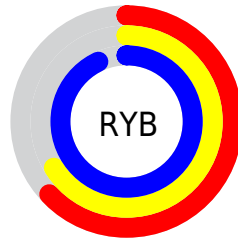
# Distribution



Red (63%)

Green (66%)

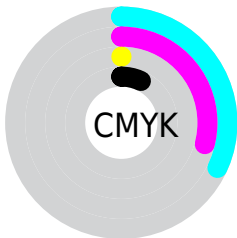
Blue (93%)



Red (63%)

Yellow (66%)

Blue (93%)

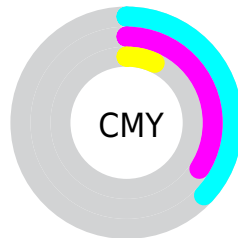


Cyan (32%)

Magenta (29%)

Yellow (0%)

Black (7%)



Cyan (37%)

Magenta (34%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1A9EE 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 A1A9EE by changing the saturation by 10% instead.



 A1A9EE

 A1A9EE


FFFFFF

 868FD2

 D9E0FF

 6B75B6

 F6FDFF

 515D9B

 364580

 192F67

 001B4F

 000038

 000221

 000006

 A1A9EE

 A1A9EE

 8994EE

 B9BEEE

 717EEE

 D1D4EE

 5A69EE

 E8E9EE

 4254EE

 FFFEEE

 2A3EEE

 FFFFEE

 1229EE

 0019EE

# Harmonies

## Analogous

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



68B4F1



A1A9EE



CE9DDA

# Triad

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



A1A9EE



E79C7A



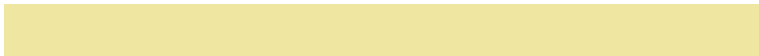
5ABFA1

# Complementary

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



A1A9EE



EEE6A1

# 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.



86BB80



A1A9EE



CFA86A

# Square

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



A1A9EE



F19498



ADB36C



2AC0C4

# Rectangle

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



A1A9EE



E296C6



ADB36C



69BE95



# Sweetspot

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



A1A9EE



E6E8FF



A1EEE5



707280



000000



808080



# Same Dimension

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



A1A9EE



9CA6FF



BFA1EE



6C6D78



0013B8



000638



# Inverse Universe

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



EEA1A9



FF9CA6



D0EEA1



786C6D



B80013

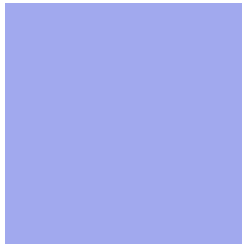


380006



# Previews

## White Background



This preview shows how the Hex color A1A9EE looks on a white background.

## Color Contrast Check

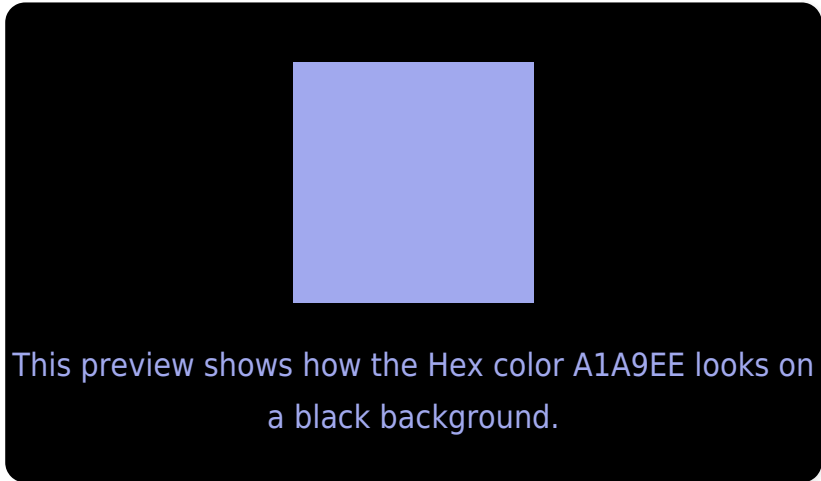
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

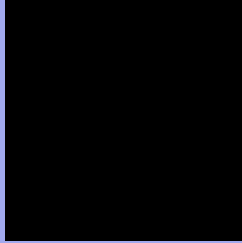
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A1A9EE Background



This preview shows how black text looks on a background with the Hex color A1A9EE.



This preview shows how white text looks on a background with the Hex color A1A9EE.

# 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**  
A1A9EE

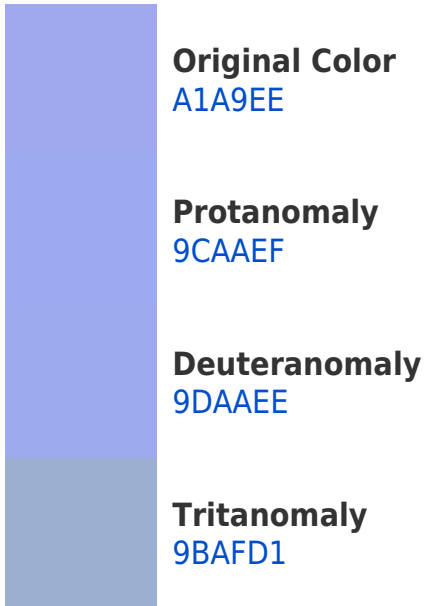
**Protanopia**  
99ABF0

**Deuteranopia**  
9AABEE

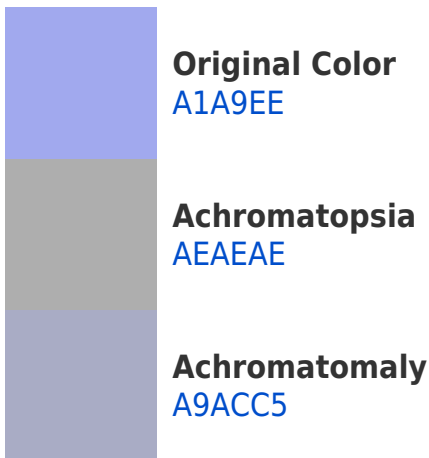


**Tritanopia**  
97B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1A9EE 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 #A1A9EE looks like.

```
.text, #text, p{  
    color:#A1A9EE  
}
```

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 #A1A9EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1A9EE
}
```

## Border

The CSS property to change the border of an element to Hex A1A9EE 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
#A1A9EE }
```

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

```
.border{ border-color:#A1A9EE }
```

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

Here you see how a box with a 4 pixel #A1A9EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1A9EE; -webkit-box-shadow:4px 4px  
4px 4px #A1A9EE; box-shadow:4px 4px 4px  
4px #A1A9EE }
```

# Background

The CSS property to change the background color of an element to Hex A1A9EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1A9EE }
```

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

```
.background{ background-color:#A1A9EE }
```

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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