

# Converting Colors

Hex(A1A9E5)

Have a look what the booklet for  
Hex(A1A9E5) contains.

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# **Color**

**Hex(A1A9E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1A9E5
RGB	161, 169, 229
RGB Percent	63%, 66%, 90%
CMY	0.3686, 0.3373, 0.1020
CMYK	0.30, 0.26, 0.00, 0.10
HSL	233°, 57%, 76%
HSV	233°, 30%, 90%
XYZ	43.0288, 41.6101, 79.8924
YIQ	173.4480, -24.0280, 16.9640

# Conversions

## Conversions Part 2

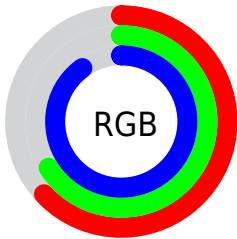
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 168, 229
Decimal	10594789
CIE <sub>Lab</sub>	70.60, 10.64, -31.08
CIE <sub>LCh</sub>	71, 32.848, 288.901
Yxy	41.6101, 0.2615, 0.2529
Android (android.graphics.Color)	4288784869 (0xFFA1A9E5)
YUV	173.4480, 27.3871, -10.9169
Hunter-Lab	64.5059, 6.1833, -28.2782

# Details

The Hex color **A1A9E5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E5DDA1**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **D9E0FF**, and **6B75AD** is the 20% darker color. If you saturate the color by 10%, you get **8A95E5**, and if you desaturate by 10%, it is **B8BDE5**.

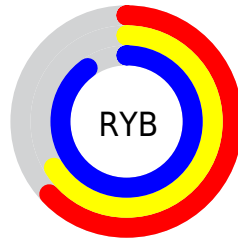
# Distribution



Red (63%)

Green (66%)

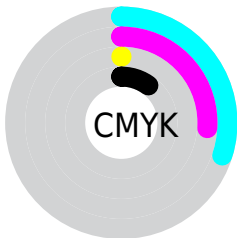
Blue (90%)



Red (63%)

Yellow (66%)

Blue (90%)

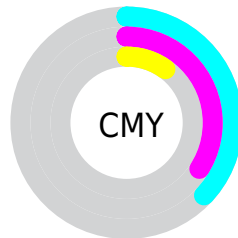


Cyan (30%)

Magenta (26%)

Yellow (0%)

Black (10%)



Cyan (37%)

Magenta (34%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1A9E5 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 A1A9E5 by changing the saturation by 10% instead.



 A1A9E5

 A1A9E5

FFFFFF

 868FC9

 D9E0FF

 6B75AD

 F6FDFF

 525D93

 384579

 1E2F60

 001B47

 000031

 00011B

 000000

 A1A9E5

 A1A9E5

 8A95E5

 B8BDE5

 7381E5

 CFD1E5

 5C6CE5

 E6E6E5


 4558E5

 FDFAE5

 2F44E5

 FFFFE5

 1830E5

 011CE5

 001BE5

# Harmonies

## Analogous

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



73B3E7



A1A9E5



C89ED4

# Triad

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



A1A9E5



E09D81



68BCA0

# Complementary

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



A1A9E5



E5DDA1

# 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.



8CB885



A1A9E5



CBA772

# Square

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



A1A9E5



E8979B



AEB174



4BBDBF

# Rectangle

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



A1A9E5



DA99C3



AEB174



74BB96



# Sweetspot

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



A1A9E5



E8EBFF



A1E5DC



717380



000000



808080



# Same Dimension

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



A1A9E5



A3AEFF



BAA1E5



676973



0015B3



000633



# Inverse Universe

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



E5A1A9



FFA3AE



CCE5A1



736769



B30015

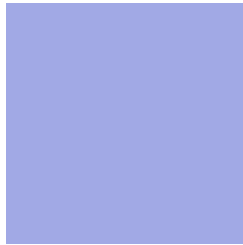


330006



# Previews

## White Background



This preview shows how the Hex color A1A9E5 looks on a white background.

## Color Contrast Check

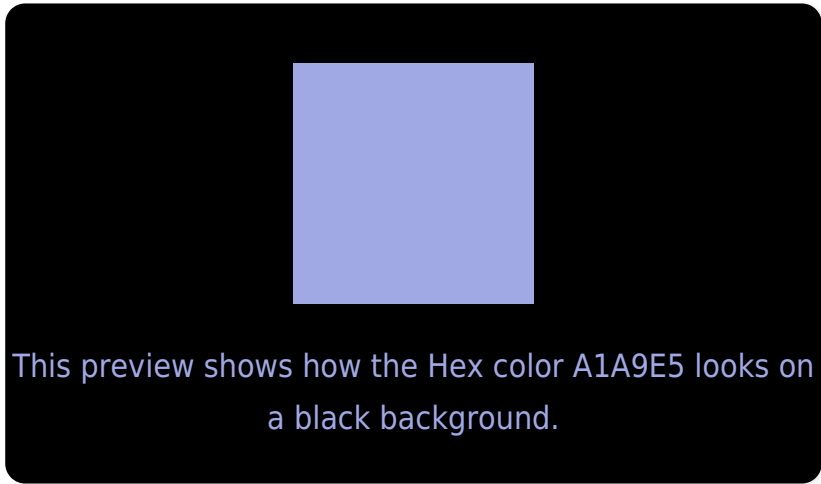
Large Text (above 18pt) WCAG AA × Fail

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

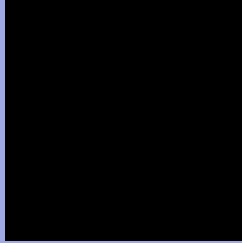
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A1A9E5 Background



This preview shows how black text looks on a background with the Hex color A1A9E5.



This preview shows how white text looks on a background with the Hex color A1A9E5.

# 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**  
A1A9E5

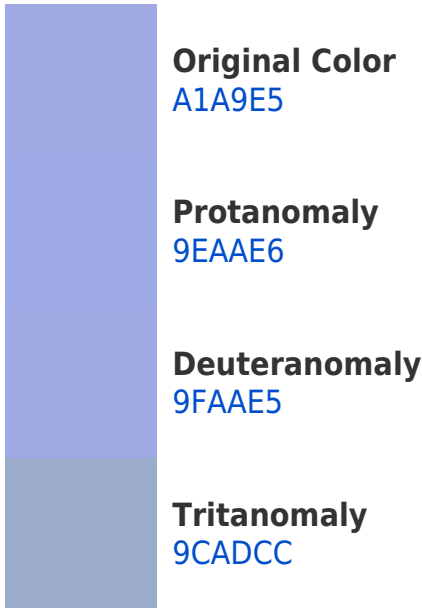
**Protanopia**  
9CAA66

**Deuteranopia**  
9EAAE5

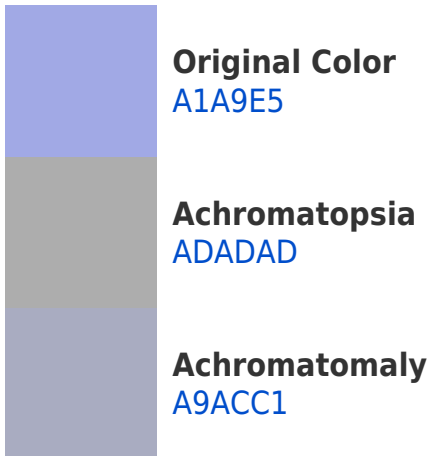


**Tritanopia**  
99B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1A9E5 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 #A1A9E5 looks like.

```
.text, #text, p{  
    color:#A1A9E5  
}
```

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 #A1A9E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1A9E5
}
```

## Border

The CSS property to change the border of an element to Hex A1A9E5 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
#A1A9E5 }
```

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

```
.border{ border-color:#A1A9E5 }
```

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

Here you see how a box with a 4 pixel #A1A9E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1A9E5; -webkit-box-shadow:4px 4px  
4px 4px #A1A9E5; box-shadow:4px 4px 4px  
4px #A1A9E5 }
```

# Background

The CSS property to change the background color of an element to Hex A1A9E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1A9E5 }
```

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

```
.background{ background-color:#A1A9E5 }
```

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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