

# Converting Colors

Hex(A1AAE8)

Have a look what the booklet for  
Hex(A1AAE8) contains.

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# **Color**

**Hex(A1AAE8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1AAE8
RGB	161, 170, 232
RGB Percent	63%, 67%, 91%
CMY	0.3686, 0.3333, 0.0902
CMYK	0.31, 0.27, 0.00, 0.09
HSL	232°, 61%, 77%
HSV	232°, 31%, 91%
XYZ	43.6382, 42.1527, 82.1802
YIQ	174.3770, -25.2660, 17.3740

# Conversions

## Conversions Part 2

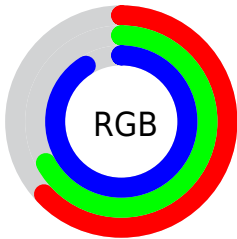
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">161, 169, 232</a>
Decimal	<a href="#">10595048</a>
CIELab	<a href="#">70.98, 10.83, -32.14</a>
CIELCh	<a href="#">71, 33.912, 288.623</a>
Yxy	<a href="#">42.1527, 0.2598, 0.2510</a>
Android (android.graphics.Color)	<a href="#">4288785128 (0xFFA1AAE8)</a>
YUV	<a href="#">174.3770, 28.4081, -11.7316</a>
Hunter-Lab	<a href="#">64.9251, 6.3563, -29.5999</a>

# Details

The Hex color **A1AAE8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E8DFA1**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **D9E1FF**, and **6B76B0** is the 20% darker color. If you saturate the color by 10%, you get **8A96E8**, and if you desaturate by 10%, it is **B8BEE8**.

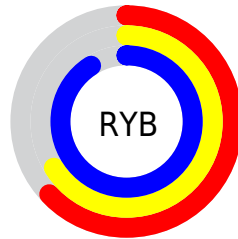
# Distribution



Red (63%)

Green (67%)

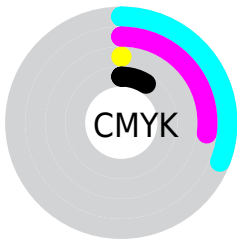
Blue (91%)



Red (63%)

Yellow (66%)

Blue (91%)

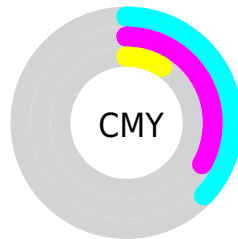


Cyan (31%)

Magenta (27%)

Yellow (0%)

Black (9%)



Cyan (37%)

Magenta (33%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1AAE8 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 A1AAE8 by changing the saturation by 10% instead.



 A1AAE8

 A1AAE8

FFFFFF

 8690CC

 D9E1FF

 6B76B0

 F6FEFF

 515D95

 37467B

 1C3062

 001B4A

 000033

 00021D

 000000

 A1AAE8

 A1AAE8

 8A96E8

 B8BEE8

 7381E8

 CFD3E8

 5B6DE8

 E7E7E8

 4459E8

 FEFBE8

 2D45E8

 FFFFE8

 1630E8

 001DE8

# Harmonies

## Analogous

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



71B4EA



A1AAE8



C99FD7

# Triad

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



A1AAE8



E39E81



67BEA0

# Complementary

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



A1AAE8



E8DFA1

# 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.



8CB984



A1AAE8



CDA871

# Square

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



A1AAE8



EB979B



AFB272



47BEC0

# Rectangle

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



A1AAE8



DC99C5



AFB272



73BD96



# Sweetspot

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



A1AAE8



E8EBFF



A1E8DF



717380



000000



808080



# Same Dimension

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



A1AAE8



A1ADFF



BBA1E8



676973



0017B3



000633



# Inverse Universe

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



E8A1AA



FFA1AD



CEE8A1



736769



B30017

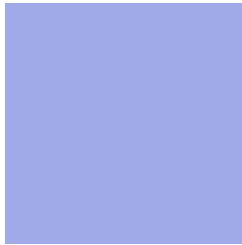


330006



# Previews

## White Background



This preview shows how the Hex color A1AAE8 looks on a white background.

## Color Contrast Check

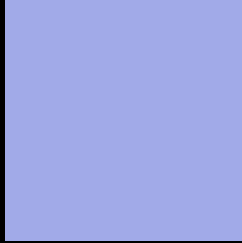
Large Text (above 18pt) WCAG AA × Fail

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 A1AAE8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

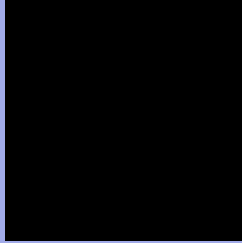
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A1AAE8 Background



This preview shows how black text looks on a background with the Hex color A1AAE8.



This preview shows how white text looks on a background with the Hex color A1AAE8.

# 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**  
A1AAE8

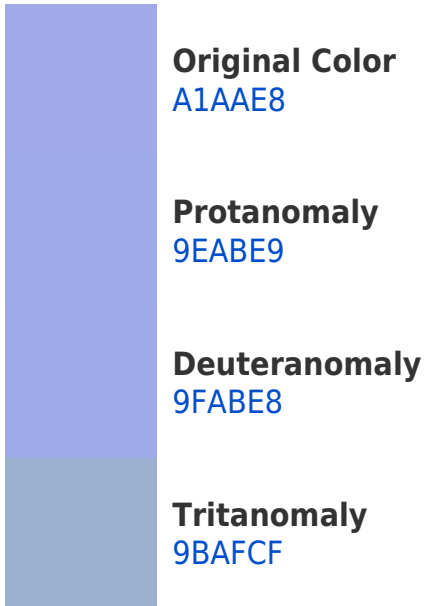
**Protanopia**  
9CABE9

**Deuteranopia**  
9EABE8

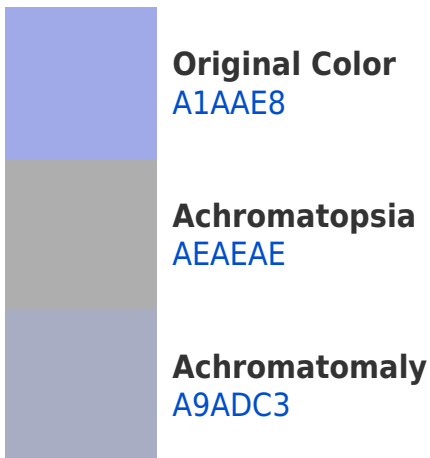


**Tritanopia**  
98B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1AAE8 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 #A1AAE8 looks like.

```
.text, #text, p{  
    color:#A1AAE8  
}
```

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 #A1AAE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1AAE8  
}
```

## Border

The CSS property to change the border of an element to Hex A1AAE8 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  
#A1AAE8 }
```

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

```
.border{ border-color:#A1AAE8 }
```

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

Here you see how a box with a 4 pixel #A1AAE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1AAE8; -webkit-box-shadow:4px 4px  
4px 4px #A1AAE8; box-shadow:4px 4px 4px  
4px #A1AAE8 }
```

# Background

The CSS property to change the background color of an element to Hex A1AAE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1AAE8 }
```

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

```
.background{ background-color:#A1AAE8 }
```

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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