

# Converting Colors

Hex(A9CAE9)

Have a look what the booklet for  
Hex(A9CAE9) contains.

<b>Hex(A9CAE9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(A9CAE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9CAE9
RGB	169, 202, 233
RGB Percent	66%, 79%, 91%
CMY	0.3373, 0.2078, 0.0863
CMYK	0.27, 0.13, 0.00, 0.09
HSL	209°, 59%, 79%
HSV	209°, 27%, 91%
XYZ	52.1907, 56.5593, 85.2571
YIQ	195.6670, -29.6190, 2.6450

# Conversions

## Conversions Part 2

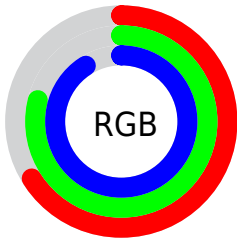
Format	Color
<a href="#">RYB</a>	<a href="#">169, 191, 233</a>
Decimal	<a href="#">11127529</a>
CIELab	<a href="#">79.93, -4.06, -18.94</a>
CIElCh	<a href="#">80, 19.372, 257.908</a>
Yxy	<a href="#">56.5593, 0.2690, 0.2915</a>
Android (android.graphics.Color)	<a href="#">4289317609 (0xFFA9CAE9)</a>
YUV	<a href="#">195.6670, 18.4052, -23.3870</a>
Hunter-Lab	<a href="#">75.2059, -7.7365, -14.5699</a>

# Details

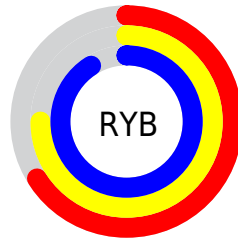
The Hex color **A9CAE9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E9C8A9**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **E1FFFF**, and **7394B1** is the 20% darker color. If you saturate the color by 10%, you get **92BFE9**, and if you desaturate by 10%, it is **C0D5E9**.

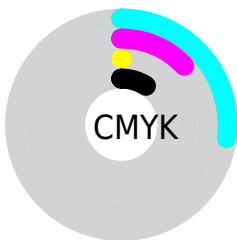
# Distribution



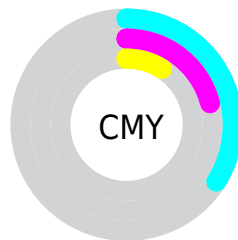
- Red (66%)
- Green (79%)
- Blue (91%)



- Red (66%)
- Yellow (75%)
- Blue (91%)



- Cyan (27%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (34%)
- Magenta (21%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9CAE9 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 A9CAE9 by changing the saturation by 10% instead.



 A9CAE9

 A9CAE9

FFFFFF

 8EAFCD

 E1FFFF

 7394B1

FEFFFF

 5A7A97

 40627D

 274A64

 0A334C

 001E35

 000220

 000004

 A9CAE9

 A9CAE9

 92BFE9

 C0D5E9

 7AB3E9

 D8E1E9

 63A8E9

 EFECE9

 4C9DE9

 FFF7E9

 3592E9

 FFFF E9

 1D86E9

 067BE9

 0078E9

# Harmonies

## Analogous

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



99CEE0



A9CAE9



C0C4E8

# Triad

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



A9CAE9



ECBABC



B4CDAE

# Complementary

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



A9CAE9



E9C8A9

# 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.



C9C8A4



A9CAE9



E8BDAC

# Square

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



A9CAE9



E6BACE



DBC2A3



A2D0BE

# Rectangle

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



A9CAE9



CFC0E3



DBC2A3



BBCCA9



# Sweetspot

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



A9CAE9



EBF5FF



A9E9C8



737980



000000



808080

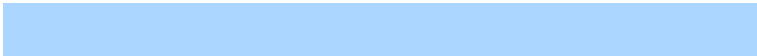


# Same Dimension

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



A9CAE9



ABD6FF



A9AAE9



6A7075



005DB5



001C36



# Inverse Universe

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



E9A9CA



FFABD6



E9E8A9



756A70



B5005D

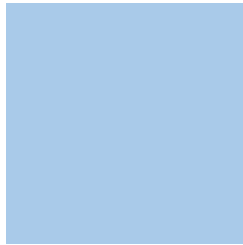


36001C



# Previews

## White Background



This preview shows how the Hex color A9CAE9 looks on a white background.

## Color Contrast Check

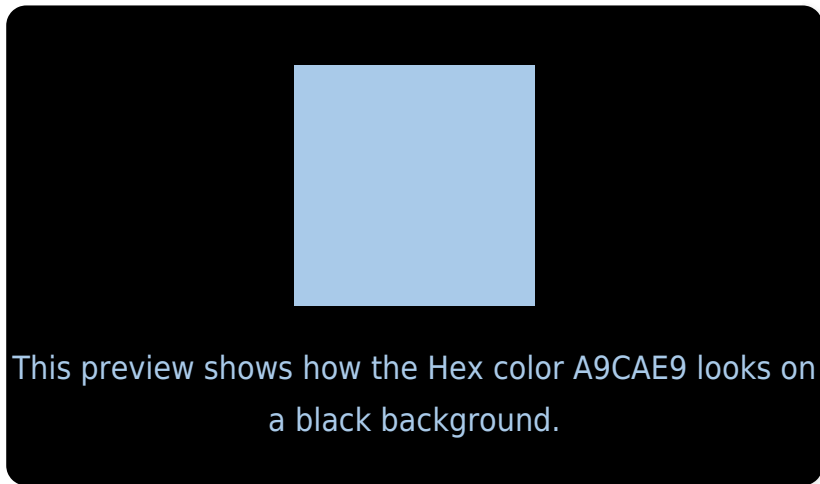
Large Text (above 18pt) WCAG AA × Fail

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

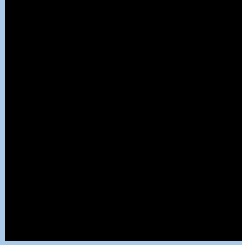
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

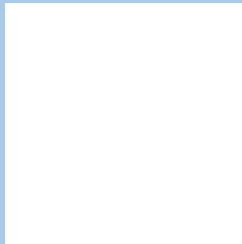
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A9CAE9 Background



This preview shows how black text looks on a background with the Hex color A9CAE9.

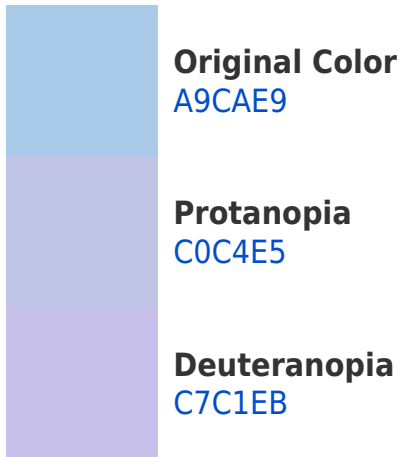


This preview shows how white text looks on a background with the Hex color A9CAE9.

# Color Blindness Simulation

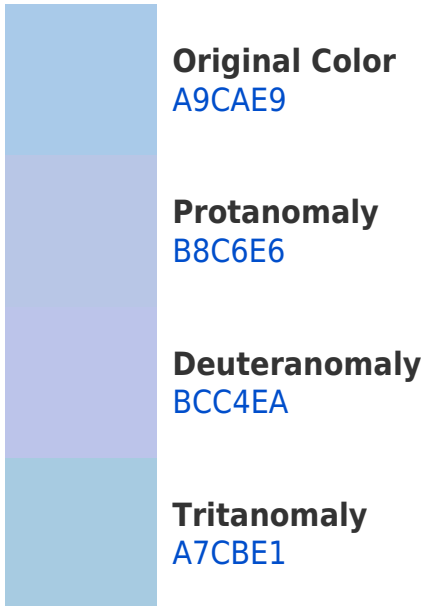
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

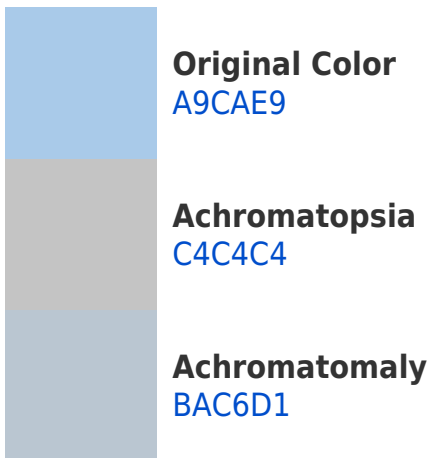




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9CAE9 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 #A9CAE9 looks like.

```
.text, #text, p{  
    color:#A9CAE9  
}
```

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 #A9CAE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9CAE9
}
```

## Border

The CSS property to change the border of an element to Hex A9CAE9 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
#A9CAE9 }
```

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

```
.border{ border-color:#A9CAE9 }
```

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

Here you see how a box with a 4 pixel #A9CAE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9CAE9; -webkit-box-shadow:4px 4px  
4px 4px #A9CAE9; box-shadow:4px 4px 4px  
4px #A9CAE9 }
```

# Background

The CSS property to change the background color of an element to Hex A9CAE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9CAE9 }
```

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

```
.background{ background-color:#A9CAE9 }
```

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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