

# Converting Colors

Hex(A9CDEB)

Have a look what the booklet for  
Hex(A9CDEB) contains.

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# **Color**

**Hex(A9CDEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9CDEB
RGB	169, 205, 235
RGB Percent	66%, 80%, 92%
CMY	0.3373, 0.1961, 0.0784
CMYK	0.28, 0.13, 0.00, 0.08
HSL	207°, 62%, 79%
HSV	207°, 28%, 92%
XYZ	53.1889, 58.0958, 87.0075
YIQ	197.6560, -31.0860, 1.6980

# Conversions

## Conversions Part 2

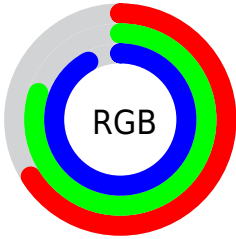
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 192, 235
Decimal	11128299
CIELab	80.79, -5.18, -18.71
CIELCh	81, 19.413, 254.539
Yxy	58.0958, 0.2682, 0.2930
Android (android.graphics.Color)	4289318379 (0xFFA9CDEB)
YUV	197.6560, 18.4106, -25.1313
Hunter-Lab	76.2206, -8.8237, -14.3264

# Details

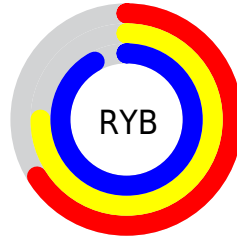
The Hex color **A9CDEB** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EBC7A9**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **E1FFFF**, and **7397B3** is the 20% darker color. If you saturate the color by 10%, you get **92C2EB**, and if you desaturate by 10%, it is **C1D8EB**.

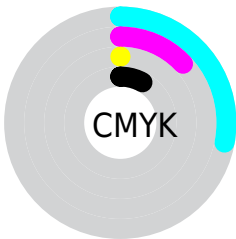
# Distribution



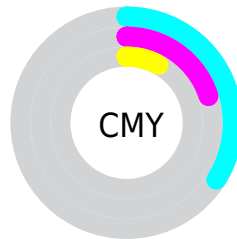
- Red (66%)
- Green (80%)
- Blue (92%)



- Red (66%)
- Yellow (75%)
- Blue (92%)



- Cyan (28%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



- Cyan (34%)
- Magenta (20%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9CDEB 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 A9CDEB by changing the saturation by 10% instead.



 A9CDEB

 A9CDEB

FFFFFF

 8EB2CF

 E1FFFF

 7397B3

FEFFFF

 597D98

 40647E

 264C65

 08364D

 002036

 000721

 000007

 A9CDEB

 A9CDEB

 92C2EB

 C1D8EB

 7AB8EB

 D8E2EB

 62ADEB

 F0EDEB

 4BA2EB

 FFF8EB

 3498EB

 FFFFEB

 1C8DEB

 0482EB

 0080EB

# Harmonies

## Analogous

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



9AD1E1



A9CDEB



C0C7EB

# Triad

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



A9CDEB



EFBCC0



B9CFAE

# Complementary

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



A9CDEB



EBC7A9

# 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.



CECAA5



A9CDEB



ECBF00

# Square

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



A9CDEB



E7BDD3



E0C4A6



A6D2BE

# Rectangle

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



A9CDEB



CFC3E6



E0C4A6



C0CEAA

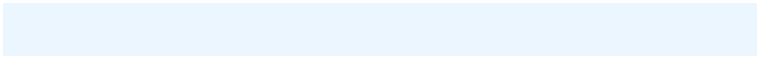


# Sweetspot

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



A9CDEB



EBF6FF



A9EBC7



737A80



000000



808080

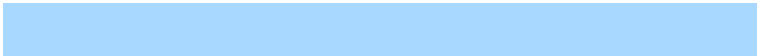


# Same Dimension

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



A9CDEB



A8D8FF



A9ACEB



6A7075



0063B5



001D36



# Inverse Universe

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



EBA9CD



FFA8D8



EBE8A9



756A70



B50063

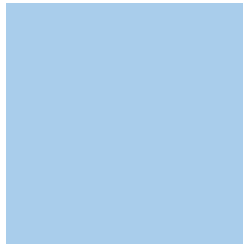


36001D



# Previews

## White Background



This preview shows how the Hex color A9CDEB looks on a white background.

## Color Contrast Check

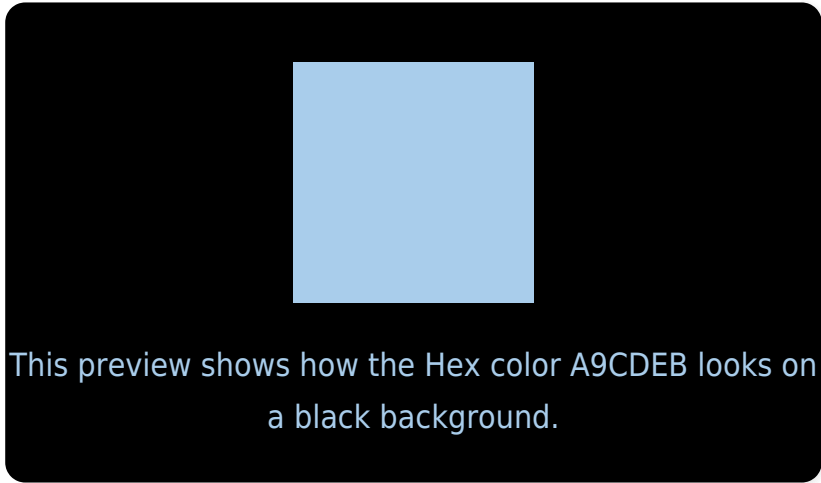
Large Text (above 18pt) WCAG AA × Fail

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

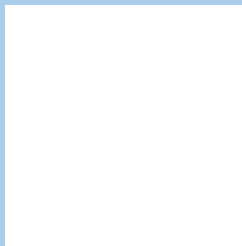
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A9CDEB Background



This preview shows how black text looks on a background with the Hex color A9CDEB.

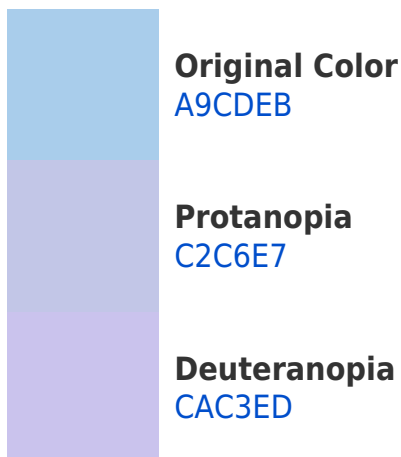


This preview shows how white text looks on a background with the Hex color A9CDEB.

# 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](#).

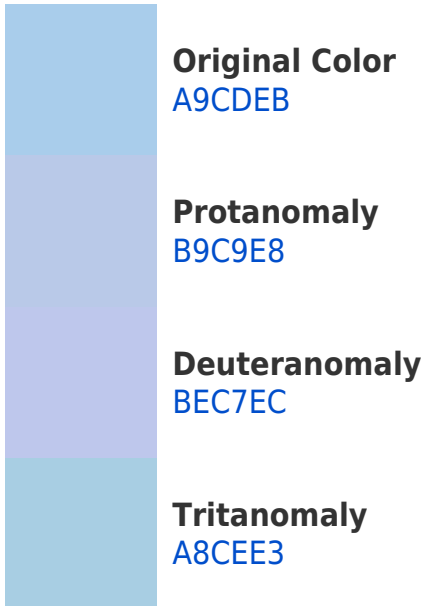
## Dichromacy



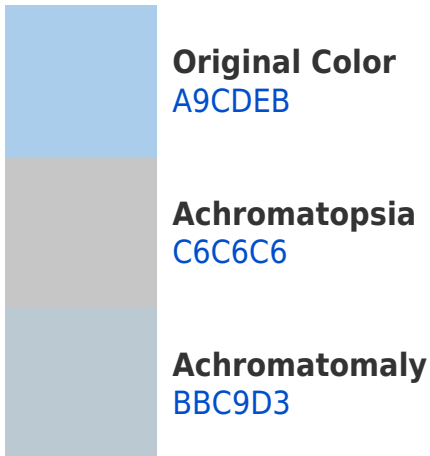


**Tritanopia**  
A7CFDF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9CDEB 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 #A9CDEB looks like.

```
.text, #text, p{  
    color:#A9CDEB  
}
```

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 #A9CDEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9CDEB
}
```

## Border

The CSS property to change the border of an element to Hex A9CDEB 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
#A9CDEB }
```

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

```
.border{ border-color:#A9CDEB }
```

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

Here you see how a box with a 4 pixel #A9CDEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9CDEB; -webkit-box-shadow:4px 4px  
4px 4px #A9CDEB; box-shadow:4px 4px 4px  
4px #A9CDEB }
```

# Background

The CSS property to change the background color of an element to Hex A9CDEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9CDEB }
```

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

```
.background{ background-color:#A9CDEB }
```

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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