

# Converting Colors

Hex(A9DCEB)

Have a look what the booklet for  
Hex(A9DCEB) contains.

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# **Color**

**Hex(A9DCEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9DCEB
RGB	169, 220, 235
RGB Percent	66%, 86%, 92%
CMY	0.3373, 0.1373, 0.0784
CMYK	0.28, 0.06, 0.00, 0.08
HSL	194°, 62%, 79%
HSV	194°, 28%, 92%
XYZ	56.9508, 65.6196, 88.2615
YIQ	206.4610, -35.2110, -6.1470

# Conversions

## Conversions Part 2

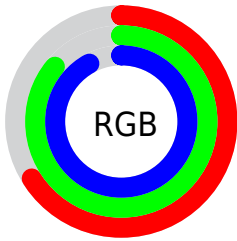
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 198, 235
Decimal	11132139
CIELab	84.80, -12.97, -12.68
CIELCh	85, 18.138, 224.370
Yxy	65.6196, 0.2701, 0.3112
Android (android.graphics.Color)	4289322219 (0xFFA9DCEB)
YUV	206.4610, 14.0697, -32.8533
Hunter-Lab	81.0059, -16.2668, -7.8964

# Details

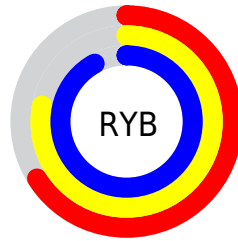
The Hex color **A9DCEB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EBB8A9**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **E2FFFF**, and **73A5B3** is the 20% darker color. If you saturate the color by 10%, you get **92D7EB**, and if you desaturate by 10%, it is **C1E1EB**.

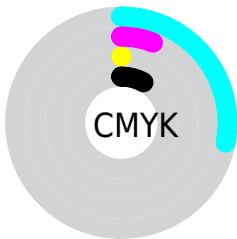
# Distribution



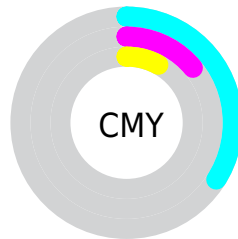
- Red (66%)
- Green (86%)
- Blue (92%)



- Red (66%)
- Yellow (78%)
- Blue (92%)



- Cyan (28%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (34%)
- Magenta (14%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9DCEB 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 A9DCEB by changing the saturation by 10% instead.



 A9DCEB

 A9DCEB

FFFFFF

 8EC0CF

 E2FFFF

 73A5B3

 598B98

 3F717F

 245966

 03414E

 002B37

 001721

 000009

 A9DCEB

 A9DCEB

 92D7EB

 C1E1EB

 7AD1EB

 D8E7EB

 62CCEB

 F0ECEB

 4BC7EB

 FFF1EB

 34C1EB

 FFF7EB

 1CBCEB

 FFFCEB

 04B7EB

 FFFFEB

 00B6EB

# Harmonies

## Analogous

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



A8DEDC



A9DCEB



B6D8F4

# Triad

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



A9DCEB



F1C9DD



D9D5B3

# Complementary

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



A9DCEB



EBB8A9

# 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.



EAD0B3



A9DCEB



F8C8CC

# Square

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



A9DCEB



E1CDEC



F5CBBC



C5DABB

# Rectangle

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



A9DCEB



C4D4F6



F5CBBC



DFD3B2

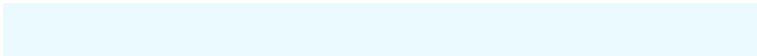


# Sweetspot

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



A9DCEB



EBFAFF



A9EBB7



737D80



000000



808080

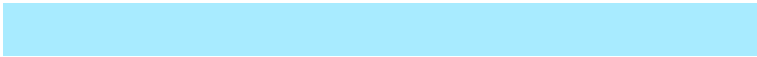


# Same Dimension

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



A9DCEB



A8EBFF



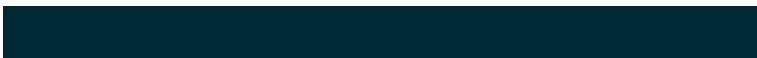
A9BCEB



6A7375



008CB5



002936



# Inverse Universe

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



EBA9DC



FFA8EB



EBD8A9



756A73



B5008C

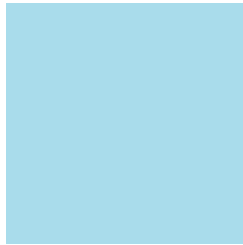


360029



# Previews

## White Background



This preview shows how the Hex color A9DCEB looks on a white background.

## Color Contrast Check

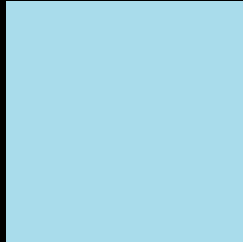
Large Text (above 18pt) WCAG AA × Fail

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 A9DCEB 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 A9DCEB Background



This preview shows how black text looks on a background with the Hex color A9DCEB.

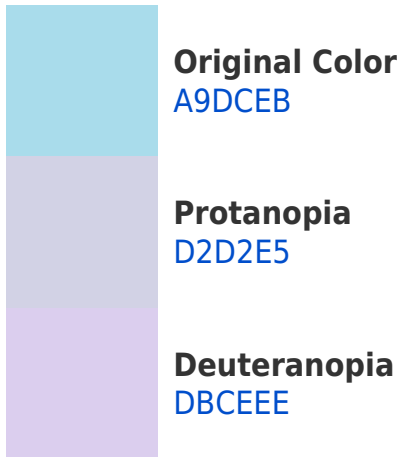


This preview shows how white text looks on a background with the Hex color A9DCEB.

# 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](#).

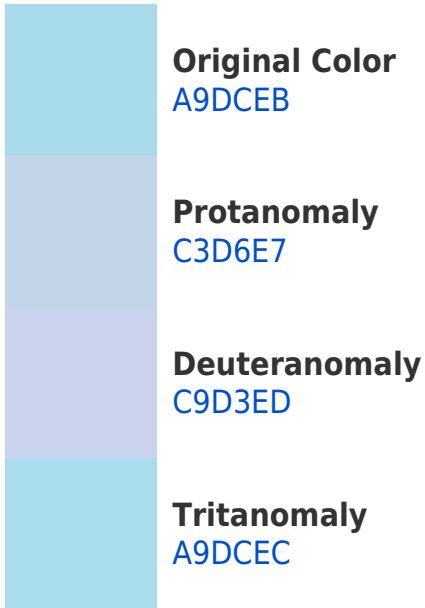
## Dichromacy



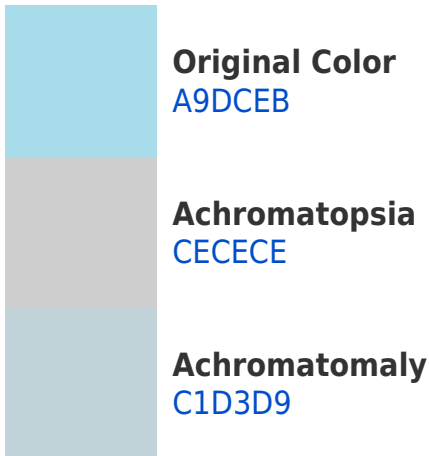


**Tritanopia**  
A9DCED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9DCEB 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 #A9DCEB looks like.

```
.text, #text, p{  
    color:#A9DCEB  
}
```

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 #A9DCEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9DCEB
}
```

## Border

The CSS property to change the border of an element to Hex A9DCEB 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
#A9DCEB }
```

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

```
.border{ border-color:#A9DCEB }
```

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

Here you see how a box with a 4 pixel #A9DCEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9DCEB; -webkit-box-shadow:4px 4px  
4px 4px #A9DCEB; box-shadow:4px 4px 4px  
4px #A9DCEB }
```

# Background

The CSS property to change the background color of an element to Hex A9DCEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9DCEB }
```

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

```
.background{ background-color:#A9DCEB }
```

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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