

# Converting Colors

Hex(A7D4EE)

Have a look what the booklet for  
Hex(A7D4EE) contains.

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# **Color**

**Hex(A7D4EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7D4EE
RGB	167, 212, 238
RGB Percent	65%, 83%, 93%
CMY	0.3451, 0.1686, 0.0667
CMYK	0.30, 0.11, 0.00, 0.07
HSL	202°, 68%, 79%
HSV	202°, 30%, 93%
XYZ	54.9124, 61.4755, 89.8607
YIQ	201.5090, -35.1660, -1.4540

# Conversions

## Conversions Part 2

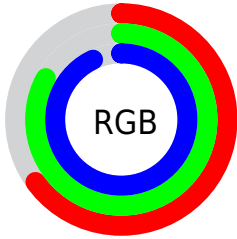
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	167, 195, 238
Decimal	10999022
CIE <sub>Lab</sub>	82.63, -8.71, -17.54
CIE <sub>LCh</sub>	83, 19.585, 243.594
Yxy	61.4755, 0.2662, 0.2981
Android (android.graphics.Color)	4289189102 (0xFFA7D4EE)
YUV	201.5090, 17.9901, -30.2644
Hunter-Lab	78.4063, -12.1972, -13.0672

# Details

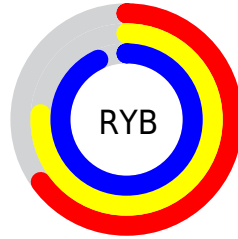
The Hex color **A7D4EE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EEC1A7**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **DFFFFFF**, and **719DB6** is the 20% darker color. If you saturate the color by 10%, you get **8FCBEE**, and if you desaturate by 10%, it is **BFDDEE**.

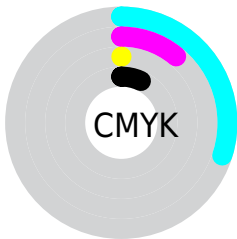
# Distribution



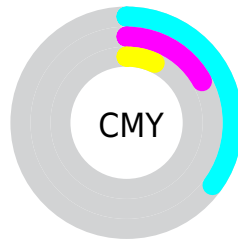
- Red (65%)
- Green (83%)
- Blue (93%)



- Red (65%)
- Yellow (76%)
- Blue (93%)



- Cyan (30%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



- Cyan (35%)
- Magenta (17%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7D4EE 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 A7D4EE by changing the saturation by 10% instead.



 A7D4EE

 A7D4EE

FFFFFF

 8CB8D2

 DFFFFFF

 719DB6

FDFFFF

 57839B

 3D6A81

 225268

 003B50

 002539

 001123

 00000C

 A7D4EE

 A7D4EE

 8FCBEE

 BFDDEE

 77C3EE

 D7E5EE

 60BAEE

 EEEEEEE

 48B1EE

 FFF7EE

 30A8EE

 FFFFEE

 18A0EE

 0097EE

# Harmonies

## Analogous

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



9DD8E1



A7D4EE



BCCFF2

# Triad

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



A7D4EE



F3C1CC



C5D3AF

# Complementary

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



A7D4EE



EEC1A7

# 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.



DACDA9



A7D4EE



F4C2BA

# Square

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



A7D4EE



E8C3DE



EAC7AD



B1D7BD

# Rectangle

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



A7D4EE



CCCAEF



EAC7AD



CCD1AC

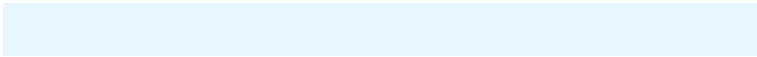


# Sweetspot

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



A7D4EE



E8F7FF



A7EEC0



717A80



000000



808080

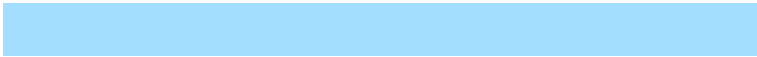


# Same Dimension

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



A7D4EE



A3DDFF



A7B2EE



6C7378



0074B8



002438



# Inverse Universe

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



EEA7D4



FFA3DD



EEE3A7



786C73



B80074

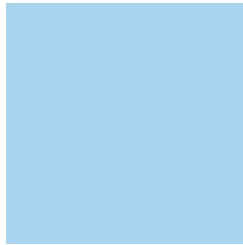


380024



# Previews

## White Background



This preview shows how the Hex color A7D4EE looks on a white background.

## Color Contrast Check

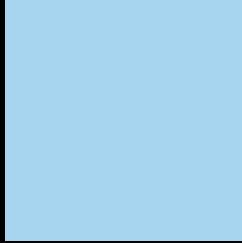
Large Text (above 18pt) WCAG AA × Fail

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 A7D4EE 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 A7D4EE Background



This preview shows how black text looks on a background with the Hex color A7D4EE.

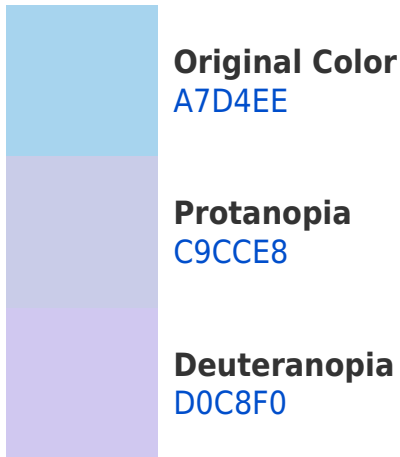


This preview shows how white text looks on a background with the Hex color A7D4EE.

# 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](#).

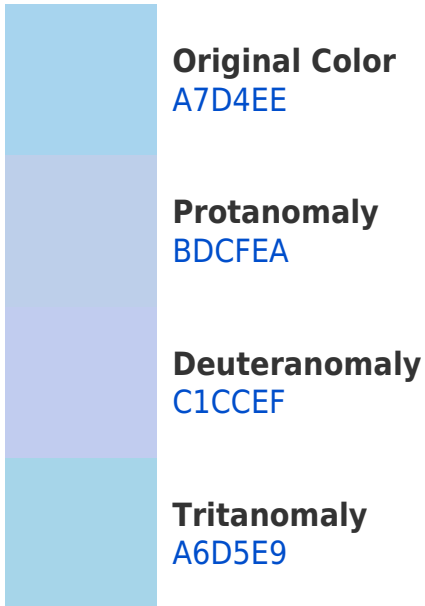
## Dichromacy



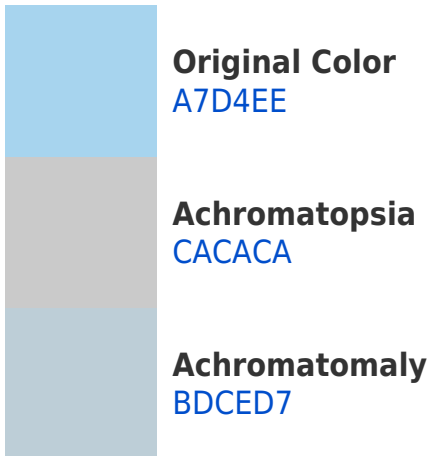


**Tritanopia**  
A5D5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7D4EE 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 #A7D4EE looks like.

```
.text, #text, p{  
    color:#A7D4EE  
}
```

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 #A7D4EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7D4EE
}
```

## Border

The CSS property to change the border of an element to Hex A7D4EE 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
#A7D4EE }
```

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

```
.border{ border-color:#A7D4EE }
```

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

Here you see how a box with a 4 pixel #A7D4EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7D4EE; -webkit-box-shadow:4px 4px  
4px 4px #A7D4EE; box-shadow:4px 4px 4px  
4px #A7D4EE }
```

# Background

The CSS property to change the background color of an element to Hex A7D4EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7D4EE }
```

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

```
.background{ background-color:#A7D4EE }
```

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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