

# Converting Colors

Hex(A8D7ED)

Have a look what the booklet for  
Hex(A8D7ED) contains.

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# **Color**

**Hex(A8D7ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8D7ED
RGB	168, 215, 237
RGB Percent	66%, 84%, 93%
CMY	0.3412, 0.1569, 0.0706
CMYK	0.29, 0.09, 0.00, 0.07
HSL	199°, 66%, 79%
HSV	199°, 29%, 93%
XYZ	55.7349, 63.0401, 89.3512
YIQ	203.4550, -35.0740, -3.1220

# Conversions

## Conversions Part 2

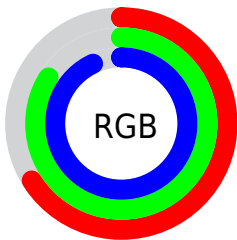
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	168, 196, 237
Decimal	11065325
CIE <sub>Lab</sub>	83.46, -10.22, -15.76
CIE <sub>LCh</sub>	83, 18.779, 237.037
Yxy	63.0401, 0.2678, 0.3029
Android (android.graphics.Color)	4289255405 (0xFFA8D7ED)
YUV	203.4550, 16.5377, -31.0940
Hunter-Lab	79.3978, -13.6444, -11.1442

# Details

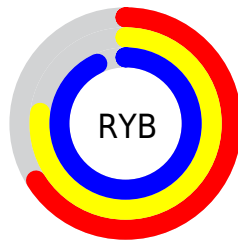
The Hex color **A8D7ED** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EDBEA8**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E1FFFF**, and **72A0B5** is the 20% darker color. If you saturate the color by 10%, you get **90CFED**, and if you desaturate by 10%, it is **C0DFED**.

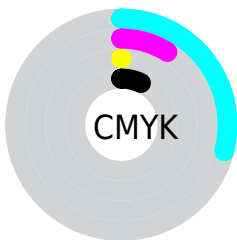
# Distribution



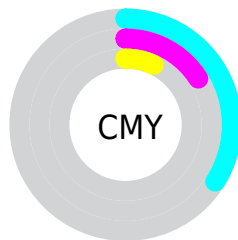
- Red (66%)
- Green (84%)
- Blue (93%)



- Red (66%)
- Yellow (77%)
- Blue (93%)



- Cyan (29%)
- Magenta (9%)
- Yellow (0%)
- Black (7%)



- Cyan (34%)
- Magenta (16%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8D7ED 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 A8D7ED by changing the saturation by 10% instead.



 A8D7ED

 A8D7ED

FFFFFF

 8DBBD1

 E1FFFF


 72A0B5

FEFFFF

 58869A

 3E6D80

 235467

 013D4F

 002738

 001423

 00000B

 A8D7ED

 A8D7ED

 90CFED

 C0DFED

 79C8ED

 D7E6ED

 61C0ED

 EFEEED

 49B9ED

 FFF5ED

 31B1ED

 FFFDED

 1AAAED

 FFFFED

 02A2ED

 00A1ED

# Harmonies

## Analogous

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



A1DADF



A8D7ED



BAD2F3

# Triad

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



A8D7ED



F2C4D2



CDD4B0

# Complementary

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



A8D7ED



EDBEA8

# 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.



E0CEAD



A8D7ED



F5C5C1

# Square

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



A8D7ED



E6C7E3



EEC8B3



B8D8BC

# Rectangle

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



A8D7ED



C9CEF2



EEC8B3



D3D2AE

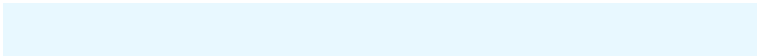


# Sweetspot

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



A8D7ED



E8F8FF



A8EDBE



717B80



000000



808080

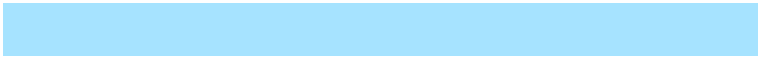


# Same Dimension

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



A8D7ED



A6E3FF



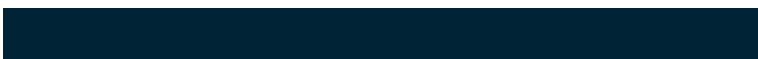
A8B5ED



6A7275



007BB5



002436



# Inverse Universe

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



EDA8D7



FFA6E3



EDE0A8



756A72



B5007B

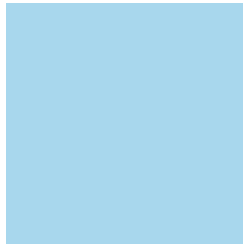


360024



# Previews

## White Background



This preview shows how the Hex color A8D7ED looks on a white background.

## Color Contrast Check

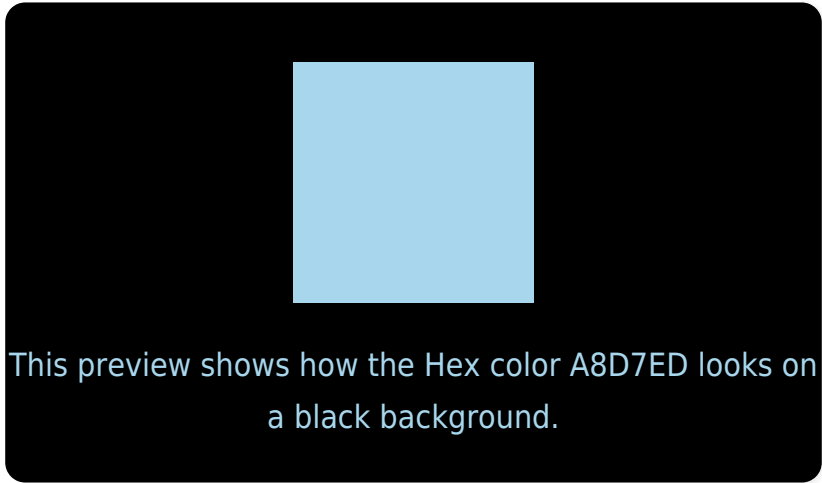
Large Text (above 18pt) WCAG AA × Fail

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

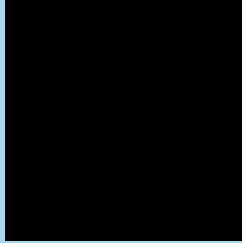
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A8D7ED Background



This preview shows how black text looks on a background with the Hex color A8D7ED.

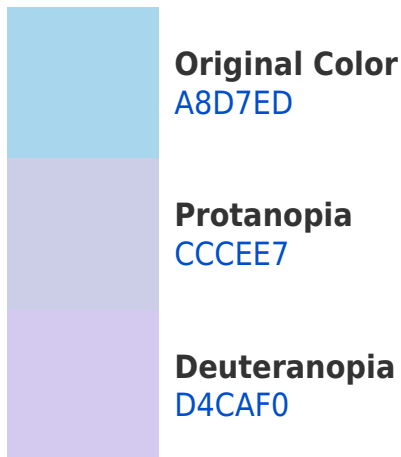


This preview shows how white text looks on a background with the Hex color A8D7ED.

# 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](#).

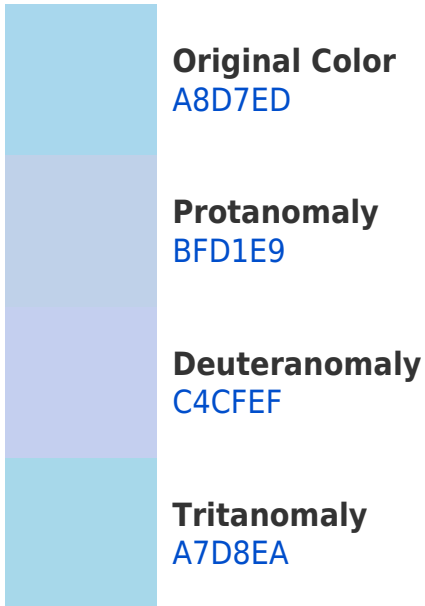
## Dichromacy



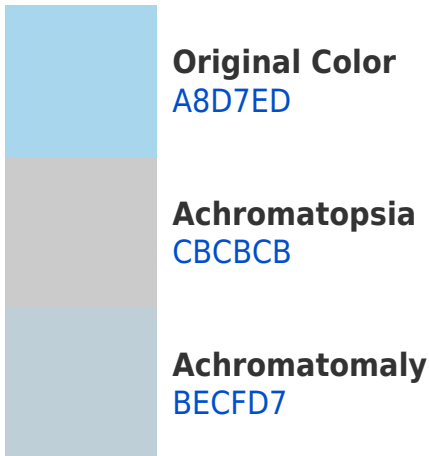


**Tritanopia**  
A7D8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8D7ED 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 #A8D7ED looks like.

```
.text, #text, p{  
    color:#A8D7ED  
}
```

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 #A8D7ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8D7ED  
}
```

## Border

The CSS property to change the border of an element to Hex A8D7ED 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  
#A8D7ED }
```

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

```
.border{ border-color:#A8D7ED }
```

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

Here you see how a box with a 4 pixel #A8D7ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8D7ED; -webkit-box-shadow:4px 4px  
4px 4px #A8D7ED; box-shadow:4px 4px 4px  
4px #A8D7ED }
```

# Background

The CSS property to change the background color of an element to Hex A8D7ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8D7ED }
```

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

```
.background{ background-color:#A8D7ED }
```

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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