

Converting Colors

Hex(A7D6E8)

Have a look what the booklet for
Hex(A7D6E8) contains.

Hex(A7D6E8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A7D6E8)

Conversions

Conversions Part 1

Format	Color
Hex	A7D6E8
RGB	167, 214, 232
RGB Percent	65%, 84%, 91%
CMY	0.3451, 0.1608, 0.0902
CMYK	0.28, 0.08, 0.00, 0.09
HSL	197°, 59%, 78%
HSV	197°, 28%, 91%
XYZ	54.5484, 62.1348, 85.4621
YIQ	201.9990, -33.7900, -4.3660

Conversions

Conversions Part 2

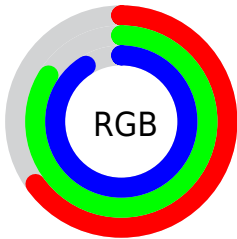
Format	Color
R _Y B	167, 194, 232
Decimal	10999528
CIE Lab	82.99, -11.15, -13.82
CIE LCh	83, 17.758, 231.119
Yxy	62.1348, 0.2698, 0.3074
Android (android.graphics.Color)	4289189608 (0xFFA7D6E8)
YUV	201.9990, 14.7905, -30.6941
Hunter-Lab	78.8256, -14.4205, -9.1038

Details

The Hex color **A7D6E8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E8B9A7**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **DFFFFFF**, and **719FB0** is the 20% darker color. If you saturate the color by 10%, you get **90D0E8**, and if you desaturate by 10%, it is **BEDCE8**.

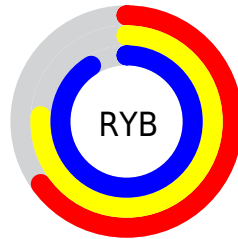
Distribution



Red (65%)

Green (84%)

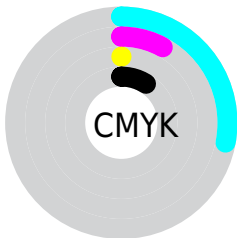
Blue (91%)



Red (65%)

Yellow (76%)

Blue (91%)

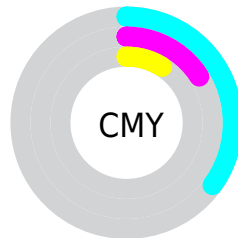


Cyan (28%)

Magenta (8%)

Yellow (0%)

Black (9%)



Cyan (35%)

Magenta (16%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7D6E8 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 A7D6E8 by changing the saturation by 10% instead.

 A7D6E8

 A7D6E8

FFFFFF

 8CBACC

 DFFFFFF

 719FB0

 FCFFFF

 578596

 3D6C7C

 235463

 023C4B

 002734

 00131F

 000004

 A7D6E8

 A7D6E8

 90D0E8

 BEDCE8

 79C9E8

 D5E3E8

 61C3E8

 EDE9E8

 4ABCE8

 FFF0E8

 33B6E8

 FFF6E8

 1CAFE8

 FFFDE8

 05A9E8

 FFFF8E8

 00A8E8

Harmonies

Analogous

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



A3D8DA



A7D6E8



B6D2EF

Triad

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



A7D6E8



EDC4D4



CFD1AF

Complementary

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



A7D6E8



E8B9A7

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.



E1CCA8



A7D6E8



F2C4C3

Square

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



A7D6E8



E0C7E4



EDC7B5



BCD6B9

Rectangle

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



A7D6E8



C4CEEF



EDC7B5



D5CFAE

Sweetspot

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



A7D6E8



EBF9FF



A7E8B8



737C80



000000



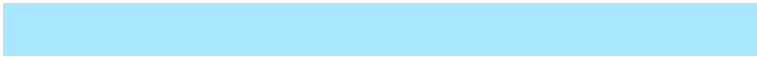
808080

Same Dimension

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



A7D6E8



A8E7FF



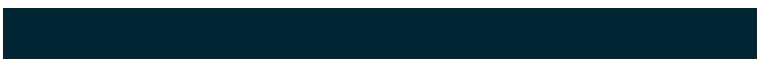
A7B6E8



677073



0081B3



002533

Inverse Universe

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



E8A7D6



FFA8E7



E8D9A7



736770



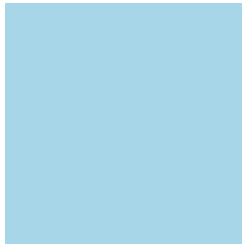
B30081



330025

Previews

White Background



This preview shows how the Hex color A7D6E8 looks on a white background.

Color Contrast Check

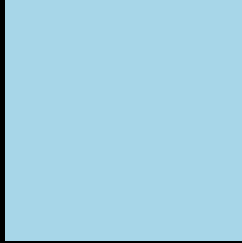
Large Text (above 18pt) WCAG AA × Fail

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 A7D6E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

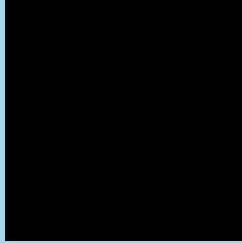
Any Text WCAG AA ✓ Pass

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 A7D6E8 Background



This preview shows how black text looks on a background with the Hex color A7D6E8.

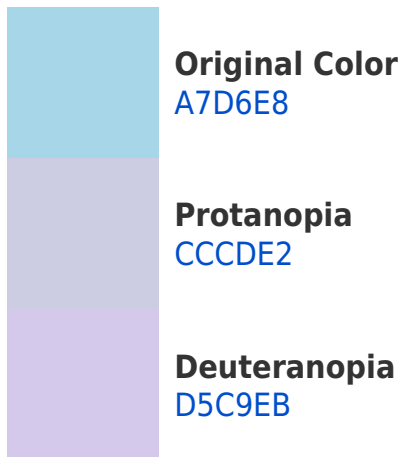


This preview shows how white text looks on a background with the Hex color A7D6E8.

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](#).

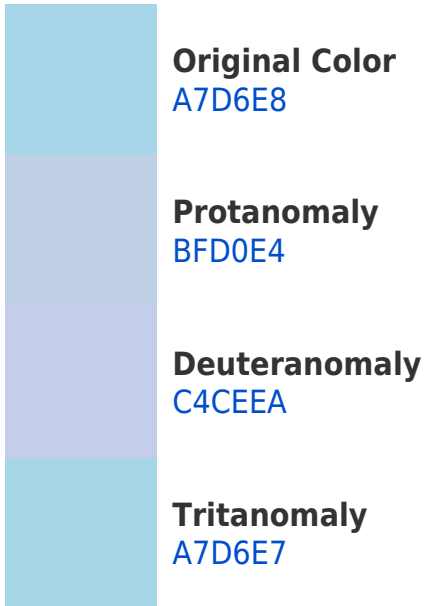
Dichromacy



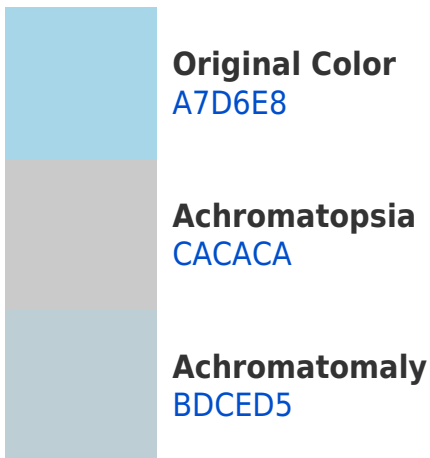


Tritanopia
A7D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A7D6E8 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 #A7D6E8 looks like.

```
.text, #text, p{  
    color:#A7D6E8  
}
```

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 #A7D6E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7D6E8  
}
```

Border

The CSS property to change the border of an element to Hex A7D6E8 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  
#A7D6E8 }
```

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

```
.border{ border-color:#A7D6E8 }
```

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

Here you see how a box with a 4 pixel #A7D6E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7D6E8; -webkit-box-shadow:4px 4px  
4px 4px #A7D6E8; box-shadow:4px 4px 4px  
4px #A7D6E8 }
```

Background

The CSS property to change the background color of an element to Hex A7D6E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7D6E8 }
```

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

```
.background{ background-color:#A7D6E8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor