

Converting Colors

Hex(A7DBE0)

Have a look what the booklet for
Hex(A7DBE0) contains.

Hex(A7DBE0)	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(A7DBE0)

Conversions

Conversions Part 1

Format	Color
Hex	A7DBE0
RGB	167, 219, 224
RGB Percent	65%, 86%, 88%
CMY	0.3451, 0.1412, 0.1216
CMYK	0.25, 0.02, 0.00, 0.12
HSL	185°, 48%, 77%
HSV	185°, 25%, 88%
XYZ	54.7224, 64.2603, 80.0403
YIQ	204.0220, -32.5970, -9.4690

Conversions

Conversions Part 2

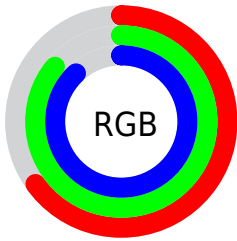
Format	Color
RYB	167, 194, 224
Decimal	11000800
CIELab	84.10, -15.52, -7.91
CIElCh	84, 17.417, 207.020
Yxy	64.2603, 0.2750, 0.3229
Android (android.graphics.Color)	4289190880 (0xFFA7DBE0)
YUV	204.0220, 9.8492, -32.4683
Hunter-Lab	80.1625, -18.4327, -3.0858

Details

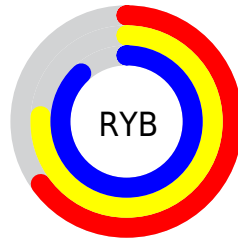
The Hex color **A7DBE0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E0ACA7**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **DFFFFFF**, and **71A4A9** is the 20% darker color. If you saturate the color by 10%, you get **91D9E0**, and if you desaturate by 10%, it is **BDDDE0**.

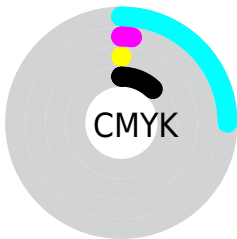
Distribution



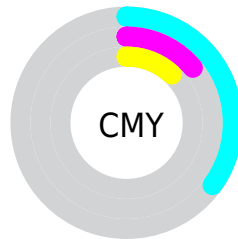
- Red (65%)
- Green (86%)
- Blue (88%)



- Red (65%)
- Yellow (76%)
- Blue (88%)



- Cyan (25%)
- Magenta (2%)
- Yellow (0%)
- Black (12%)



- Cyan (35%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7DBE0 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 A7DBE0 by changing the saturation by 10% instead.

 A7DBE0

 A7DBE0

FFFFFF

 8CBFC4

 DFFFFFF

 71A4A9

 FCFFFF

 578A8E

 3E7075

 24585C

 054045


 002A2E

 00171A

 000000

 A7DBE0

 A7DBE0

 91D9E0

 BDDDE0

 7AD7E0

 D4DFE0

 64D5E0

 EAE1E0

 4DD3E0

 FFE3E0

 37D1E0

 FFE5E0

 21CFE0

 FFE7E0

 0ACDE0

 FFE9E0

 00CCE0

 FFEBE0

 FFEDE0

Harmonies

Analogous

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



ADDBCF



A7DBE0



ADD8ED

Triad

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



A7DBE0



E6C9E4



E1D0B1

Complementary

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



A7DBE0



E0ACA7

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.



EECBB7



A7DBE0



F2C7D4

Square

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



A7DBE0



D3CEEF



F5C7C4



CFD5B4

Rectangle

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



A7DBE0



B7D5F1



F5C7C4



E6CEB2

Sweetspot

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



A7DBE0



EBFDFF



A7E0AC



737E80



000000



808080

Same Dimension

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



A7DBE0



B0F8FF



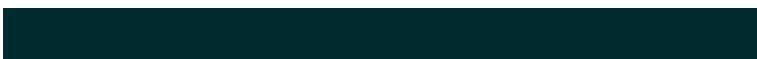
A7BFE0



656F70



00A1B0



002C30

Inverse Universe

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



E0A7DB



FFB0F8



E0C8A7



70656F



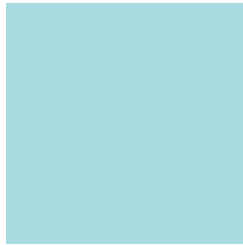
B000A1



30002C

Previews

White Background



This preview shows how the Hex color A7DBE0 looks on a white background.

Color Contrast Check

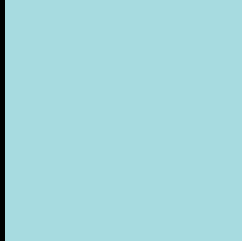
Large Text (above 18pt) WCAG AA × Fail

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 A7DBE0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

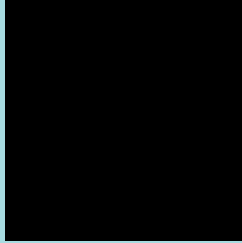
Any Text WCAG AA ✓ Pass

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 A7DBE0 Background



This preview shows how black text looks on a background with the Hex color A7DBE0.

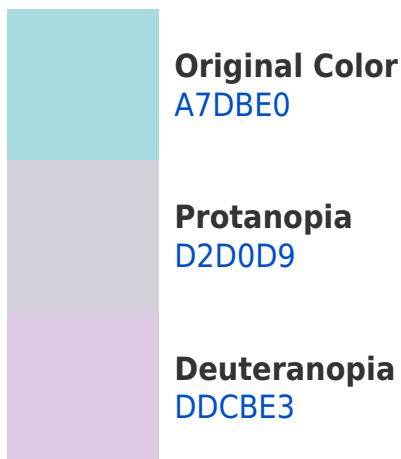


This preview shows how white text looks on a background with the Hex color A7DBE0.

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](#).

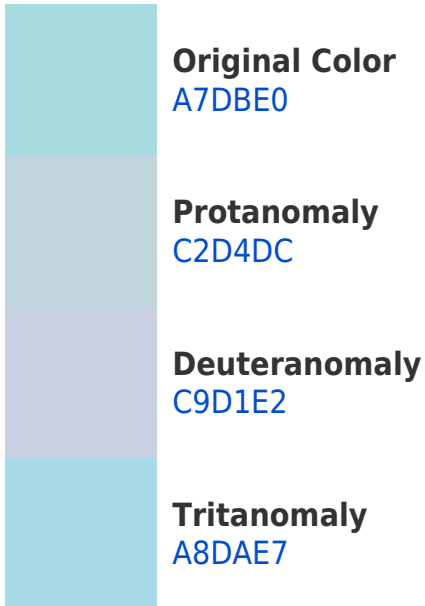
Dichromacy



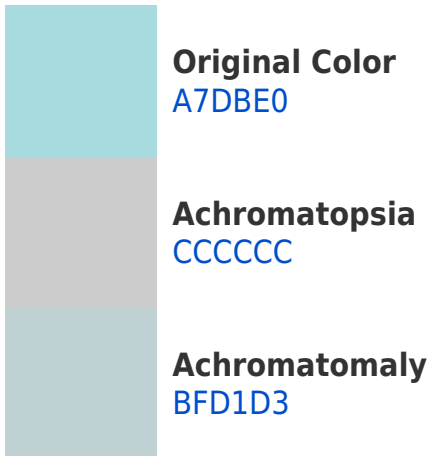


Tritanopia
A9D9EB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A7DBE0 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 #A7DBE0 looks like.

```
.text, #text, p{  
    color:#A7DBE0  
}
```

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 #A7DBE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7DBE0
}
```

Border

The CSS property to change the border of an element to Hex A7DBE0 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
#A7DBE0 }
```

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

```
.border{ border-color:#A7DBE0 }
```

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

Here you see how a box with a 4 pixel #A7DBE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7DBE0; -webkit-box-shadow:4px 4px  
4px 4px #A7DBE0; box-shadow:4px 4px 4px  
4px #A7DBE0 }
```

Background

The CSS property to change the background color of an element to Hex A7DBE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7DBE0 }
```

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

```
.background{ background-color:#A7DBE0 }
```

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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