

# Converting Colors

Hex(A7D8E3)

Have a look what the booklet for  
Hex(A7D8E3) contains.

<b>Hex(A7D8E3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(A7D8E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7D8E3
RGB	167, 216, 227
RGB Percent	65%, 85%, 89%
CMY	0.3451, 0.1529, 0.1098
CMYK	0.26, 0.05, 0.00, 0.11
HSL	191°, 52%, 77%
HSV	191°, 26%, 89%
XYZ	54.3573, 62.8733, 81.9439
YIQ	202.6030, -32.7350, -6.9670

# Conversions

## Conversions Part 2

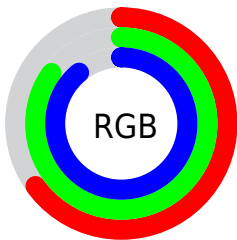
Format	Color
R <sub>YB</sub>	167, 194, 227
Decimal	11000035
CIE <sub>Lab</sub>	83.38, -13.32, -10.58
CIE <sub>LCh</sub>	83, 17.010, 218.477
Y <sub>xy</sub>	62.8733, 0.2729, 0.3157
Android (android.graphics.Color)	4289190115 (0xFFA7D8E3)
YUV	202.6030, 12.0277, -31.2238
Hunter-Lab	79.2927, -16.3954, -5.7675

# Details

The Hex color **A7D8E3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3B2A7**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **DFFFFFF**, and **71A1AC** is the 20% darker color. If you saturate the color by 10%, you get **90D4E3**, and if you desaturate by 10%, it is **BEDCE3**.

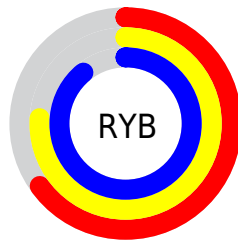
# Distribution



Red (65%)

Green (85%)

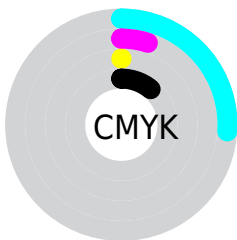
Blue (89%)



Red (65%)

Yellow (76%)

Blue (89%)

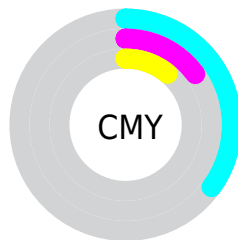


Cyan (26%)

Magenta (5%)

Yellow (0%)

Black (11%)



Cyan (35%)

Magenta (15%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7D8E3 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 A7D8E3 by changing the saturation by 10% instead.



 A7D8E3

 A7D8E3

FFFFFF

 8CBCC7

 DFFFFFF

 71A1AC

 FCFFFF

 578791

 3E6E77

 24555F

 043E47

 002831

 00141C

 000000

 A7D8E3

 A7D8E3

 90D4E3

 BEDCE3

 7AD0E3

 D4E0E3

 63CCE3

 EBE4E3

 4CC7E3

 FFE9E3

 36C3E3

 FFEDE3

 1FBFE3

 FFF1E3

 08BBE3

 FFF5E3

 00B9E3

 FFF9E3

 FFFDE3

# Harmonies

## Analogous

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



A9D9D4



A7D8E3



B1D5ED

# Triad

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



A7D8E3



E9C6DC



D8D0B0

# Complementary

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



A7D8E3



E3B2A7

# 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.



E7CBB2



A7D8E3



F1C5CC

# Square

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



A7D8E3



D8CAE9



F0C7BC



C6D5B6

# Rectangle

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



A7D8E3



BDD1EF



F0C7BC



DDCEB0



# Sweetspot

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



A7D8E3



EBFBFF



A7E3B2



737D80



000000



808080

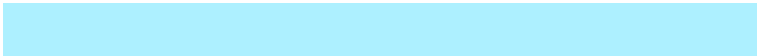


# Same Dimension

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



A7D8E3



ADF0FF



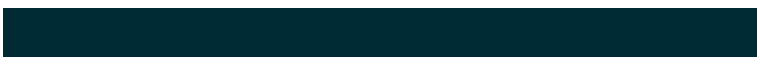
A7BAE3



677173



0092B3



002A33



# Inverse Universe

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



E3A7D8



FFADF0



E3D0A7



736771



B30092

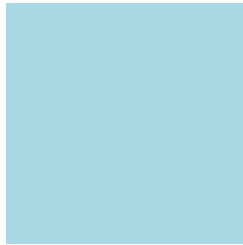


33002A



# Previews

## White Background



This preview shows how the Hex color A7D8E3 looks on a white background.

## Color Contrast Check

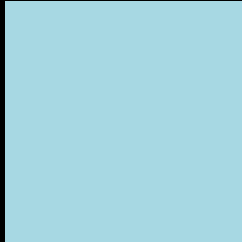
Large Text (above 18pt) WCAG AA × Fail

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 A7D8E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

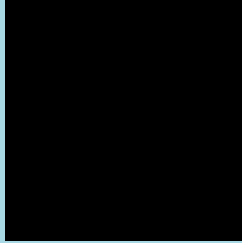
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A7D8E3 Background



This preview shows how black text looks on a background with the Hex color A7D8E3.

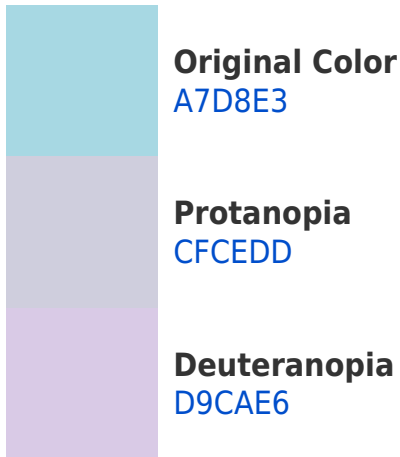


This preview shows how white text looks on a background with the Hex color A7D8E3.

# 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](#).

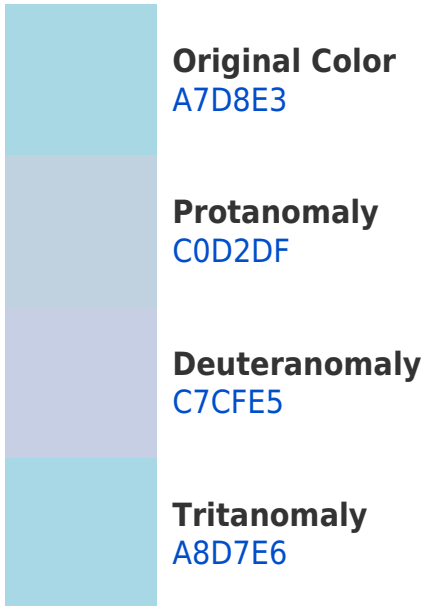
## Dichromacy



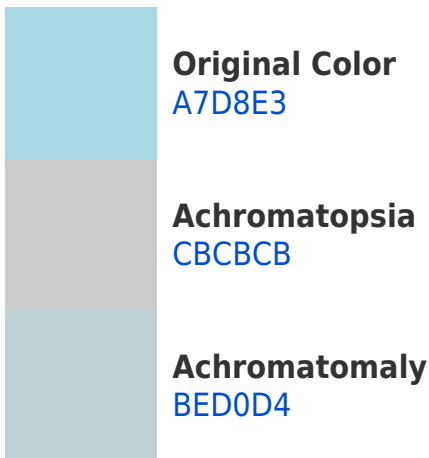


**Tritanopia**  
A8D7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7D8E3 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 #A7D8E3 looks like.

```
.text, #text, p{  
    color:#A7D8E3  
}
```

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 #A7D8E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7D8E3
}
```

## Border

The CSS property to change the border of an element to Hex A7D8E3 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
#A7D8E3 }
```

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

```
.border{ border-color:#A7D8E3 }
```

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

Here you see how a box with a 4 pixel #A7D8E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7D8E3; -webkit-box-shadow:4px 4px  
4px 4px #A7D8E3; box-shadow:4px 4px 4px  
4px #A7D8E3 }
```

# Background

The CSS property to change the background color of an element to Hex A7D8E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7D8E3 }
```

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

```
.background{ background-color:#A7D8E3 }
```

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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