

# Converting Colors

Hex(A7E5D3)

Have a look what the booklet for  
Hex(A7E5D3) contains.

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# **Color**

**Hex(A7E5D3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7E5D3
RGB	167, 229, 211
RGB Percent	65%, 90%, 83%
CMY	0.3451, 0.1020, 0.1725
CMYK	0.27, 0.00, 0.08, 0.10
HSL	163°, 54%, 78%
HSV	163°, 27%, 90%
XYZ	55.7135, 68.9573, 72.0017
YIQ	208.4100, -31.1740, -18.7420

# Conversions

## Conversions Part 2

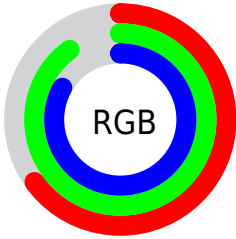
Format	Color
<a href="#">RYB</a>	<a href="#">167, 203, 229</a>
Decimal	<a href="#">11003347</a>
CIELab	<a href="#">86.48, -23.29, 2.45</a>
CIElCh	<a href="#">86, 23.415, 173.992</a>
Yxy	<a href="#">68.9573, 0.2833, 0.3506</a>
Android (android.graphics.Color)	<a href="#">4289193427 (0xFFA7E5D3)</a>
YUV	<a href="#">208.4100, 1.2769, -36.3166</a>
Hunter-Lab	<a href="#">83.0405, -25.5617, 6.7200</a>

# Details

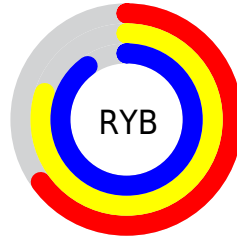
The Hex color **A7E5D3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E5A7B9**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **DFFFFFF**, and **71AD9D** is the 20% darker color. If you saturate the color by 10%, you get **90E5CC**, and if you desaturate by 10%, it is **BEE5DA**.

# Distribution



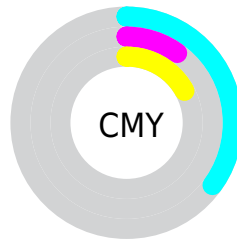
- Red (65%)
- Green (90%)
- Blue (83%)



- Red (65%)
- Yellow (80%)
- Blue (90%)



- Cyan (27%)
- Magenta (0%)
- Yellow (8%)
- Black (10%)



- Cyan (35%)
- Magenta (10%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7E5D3 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 A7E5D3 by changing the saturation by 10% instead.



 A7E5D3

 A7E5D3

FFFFFF

 8CC9B7

 DFFFFFF

 71AD9D

 FCFFFF

 579382

 3E7969

 246051

 03483A

 003125

 001D10

 000000

 A7E5D3

 A7E5D3

 90E5CC

 BEE5DA

 79E5C6

 D5E5E0

 62E5BF

 ECE5E7

 4BE5B8

 FFE5EE

 35E5B2

 FFE5F4

 1EE5AB

 FFE5FB

 07E5A4

 FFE5FF

 00E5A3

# Harmonies

## Analogous

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



BDE2BE



A7E5D3



9CE5EA

# Triad

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



A7E5D3



D7D4FF



FFCEB5

# Complementary

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



A7E5D3



E5A7B9

# 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.



FFCAC7



A7E5D3



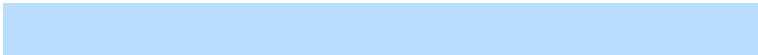
F1CDF3

# Square

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



A7E5D3



B9DCFF



FFC9DE



EED5AD

# Rectangle

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



A7E5D3



9EE3F6



FFC9DE



FFCCBB



# Sweetspot

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



A7E5D3



EBFFF9



BAE5A7



73807C



000000



808080



# Same Dimension

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



A7E5D3



ADFFE7



A7D9E5



67736F



00B37F



003324



# Inverse Universe

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



E5A7B9



FFADC5



E5B3A7



73676B



B30034

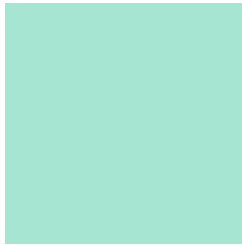


33000F



# Previews

## White Background



This preview shows how the Hex color A7E5D3 looks on a white background.

## Color Contrast Check

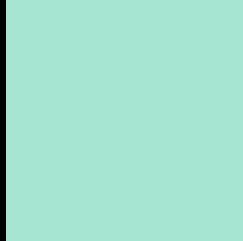
Large Text (above 18pt) WCAG AA × Fail

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 A7E5D3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

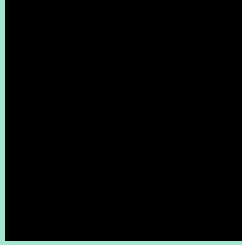
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

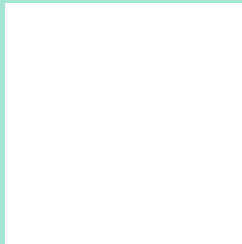
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A7E5D3 Background



This preview shows how black text looks on a background with the Hex color A7E5D3.

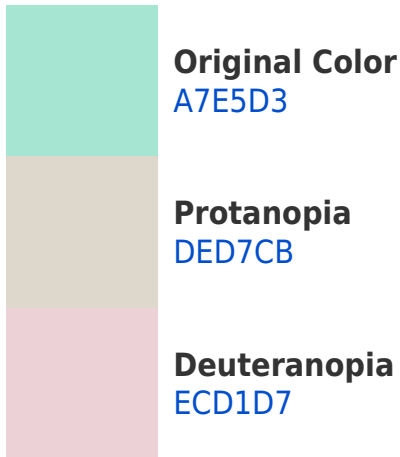


This preview shows how white text looks on a background with the Hex color A7E5D3.

# 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



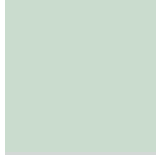


**Tritanopia**  
AEE0F2

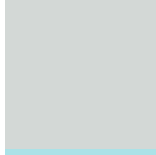
# Trichromacy



**Original Color**  
A7E5D3



**Protanomaly**  
CADCCE



**Deuteranomaly**  
D3D8D6

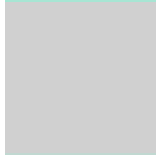


**Tritanomaly**  
ABE2E7

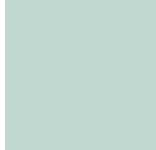
# Monochromacy



**Original Color**  
A7E5D3



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
C1D8D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7E5D3 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 #A7E5D3 looks like.

```
.text, #text, p{  
    color:#A7E5D3  
}
```

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 #A7E5D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7E5D3
}
```

## Border

The CSS property to change the border of an element to Hex A7E5D3 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
#A7E5D3 }
```

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

```
.border{ border-color:#A7E5D3 }
```

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

Here you see how a box with a 4 pixel #A7E5D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7E5D3; -webkit-box-shadow:4px 4px  
4px 4px #A7E5D3; box-shadow:4px 4px 4px  
4px #A7E5D3 }
```

# Background

The CSS property to change the background color of an element to Hex A7E5D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7E5D3 }
```

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

```
.background{ background-color:#A7E5D3 }
```

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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