

# Converting Colors

Hex(A4E7DB)

Have a look what the booklet for  
Hex(A4E7DB) contains.

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# **Color**

**Hex(A4E7DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4E7DB
RGB	164, 231, 219
RGB Percent	64%, 91%, 86%
CMY	0.3569, 0.0941, 0.1412
CMYK	0.29, 0.00, 0.05, 0.09
HSL	169°, 58%, 77%
HSV	169°, 29%, 91%
XYZ	56.6719, 70.1588, 77.5729
YIQ	209.5990, -36.0800, -17.9360

# Conversions

## Conversions Part 2

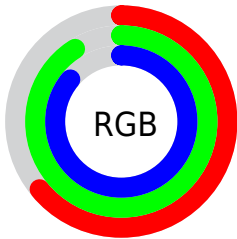
Format	Color
<b>RYB</b>	164, 201, 231
Decimal	10807259
CIELab	87.07, -23.45, -0.91
CIELCh	87, 23.469, 182.227
Yxy	70.1588, 0.2773, 0.3432
Android (android.graphics.Color)	4288997339 (0xFFA4E7DB)
YUV	209.5990, 4.6347, -39.9903
Hunter-Lab	83.7609, -25.8098, 3.7227

# Details

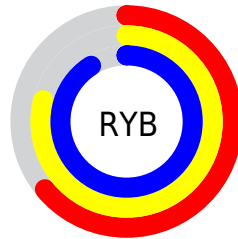
The Hex color **A4E7DB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E7A4B0**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **DCFFFF**, and **6EAFA4** is the 20% darker color. If you saturate the color by 10%, you get **8DE7D7**, and if you desaturate by 10%, it is **BBE7DF**.

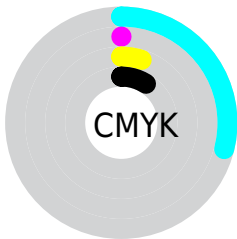
# Distribution



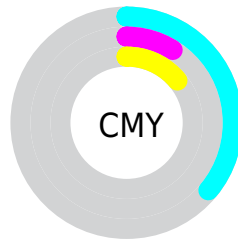
- Red (64%)
- Green (91%)
- Blue (86%)



- Red (64%)
- Yellow (79%)
- Blue (91%)



- Cyan (29%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (36%)
- Magenta (9%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4E7DB 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 A4E7DB by changing the saturation by 10% instead.



 A4E7DB

 A4E7DB

FFFFFF

 89CBBF

 DCFEFC

 6EAFA4

 FAFFFF

 53948A

 397A70

 1D6158

 004941

 00322B

 001F16

 000000

 A4E7DB

 A4E7DB

 8DE7D7

 BBE7DF

 76E7D3

 D2E7E3

 5FE7CF

 E9E7E7

 48E7CA

 FFE7EC

 31E7C6

 FFE7F0

 19E7C2

 FFE7F4

 02E7BE

 FFE7F8

 00E7BE

 FFE7FC

 FFE7FF

# Harmonies

## Analogous

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



B8E5C5



A4E7DB



9DE6F1

# Triad

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



A4E7DB



E0D4FF



FDD2B3

# Complementary

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



A4E7DB



E7A4B0

# 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.



FFCC3



A4E7DB



F9CDEF

# Square

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



A4E7DB



C3DBFF



FFCAD9



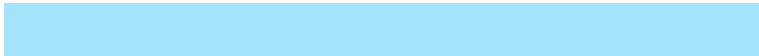
EAD9AE

# Rectangle

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



A4E7DB



A3E4FD



FFCAD9



FFD0B8



# Sweetspot

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



A4E7DB



E8FFFB



B0E7A4



71807D



000000



808080

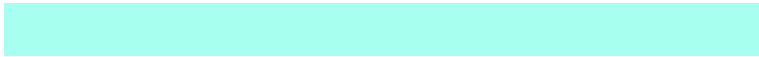


# Same Dimension

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



A4E7DB



A6FFEF



A4D2E7



677371



00B393



00332A



# Inverse Universe

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



E7A4B0



FFA6B6



E7B9A4



736769



B30020

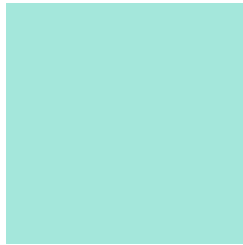


330009



# Previews

## White Background



This preview shows how the Hex color A4E7DB looks on a white background.

## Color Contrast Check

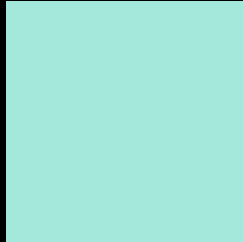
Large Text (above 18pt) WCAG AA × Fail

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 A4E7DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

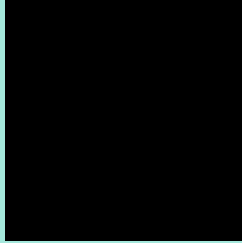
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

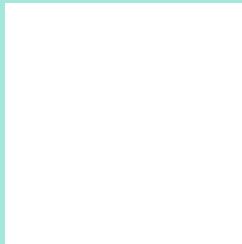
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A4E7DB Background



This preview shows how black text looks on a background with the Hex color A4E7DB.

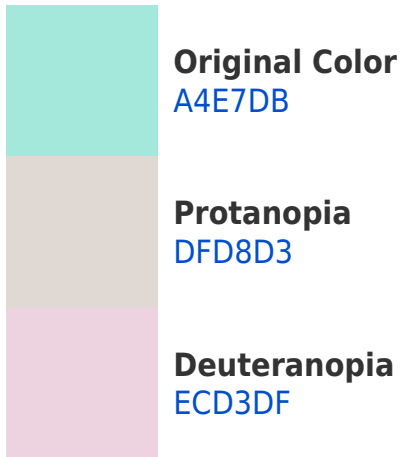


This preview shows how white text looks on a background with the Hex color A4E7DB.

# 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



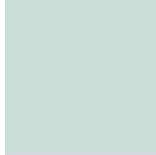


**Tritanopia**  
AAE3F5

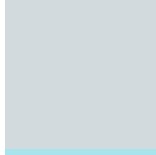
# Trichromacy



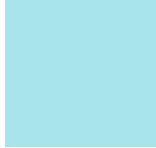
**Original Color**  
A4E7DB



**Protanomaly**  
CADDD6



**Deuteranomaly**  
D2DADE

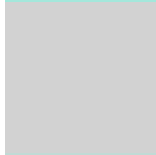


**Tritanomaly**  
A8E4EC

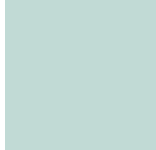
# Monochromacy



**Original Color**  
A4E7DB



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
C1DAD5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4E7DB 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 #A4E7DB looks like.

```
.text, #text, p{  
    color:#A4E7DB  
}
```

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 #A4E7DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4E7DB  
}
```

## Border

The CSS property to change the border of an element to Hex A4E7DB 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  
#A4E7DB }
```

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

```
.border{ border-color:#A4E7DB }
```

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

Here you see how a box with a 4 pixel #A4E7DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4E7DB; -webkit-box-shadow:4px 4px  
4px 4px #A4E7DB; box-shadow:4px 4px 4px  
4px #A4E7DB }
```

# Background

The CSS property to change the background color of an element to Hex A4E7DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4E7DB }
```

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

```
.background{ background-color:#A4E7DB }
```

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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