

# Converting Colors

Hex(A4E7E6)

Have a look what the booklet for  
Hex(A4E7E6) contains.

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# **Color**

**Hex(A4E7E6)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | A4E7E6                       |
| RGB         | 164, 231, 230                |
| RGB Percent | 64%, 91%, 90%                |
| CMY         | 0.3569, 0.0941, 0.0980       |
| CMYK        | 0.29, 0.00, 0.00, 0.09       |
| HSL         | 179°, 58%, 77%               |
| HSV         | 179°, 29%, 91%               |
| XYZ         | 58.1687, 70.7575, 85.4547    |
| YIQ         | 210.8530, -39.6110, -14.5150 |

# Conversions

## Conversions Part 2

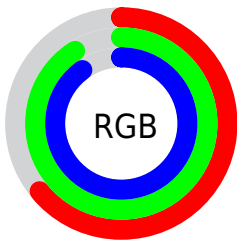
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">164, 198, 231</a>               |
| Decimal                             | <a href="#">10807270</a>                    |
| CIELab                              | <a href="#">87.37, -21.04, -6.26</a>        |
| CIELCh                              | <a href="#">87, 21.951, 196.579</a>         |
| Yxy                                 | <a href="#">70.7575, 0.2713, 0.3301</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4288997350<br/>(0xFFA4E7E6)</a> |
| YUV                                 | <a href="#">210.8530, 9.4395, -41.0901</a>  |
| Hunter-Lab                          | <a href="#">84.1175, -23.7698, -1.3503</a>  |

# Details

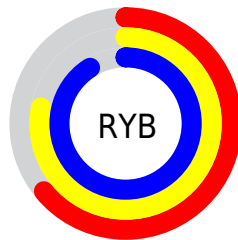
The Hex color **A4E7E6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E7A4A5**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **DDFFFF**, and **6DAFAF** is the 20% darker color. If you saturate the color by 10%, you get **8DE7E6**, and if you desaturate by 10%, it is **BBE7E6**.

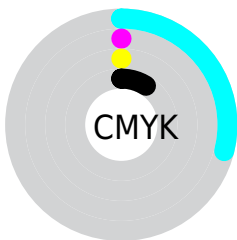
# Distribution



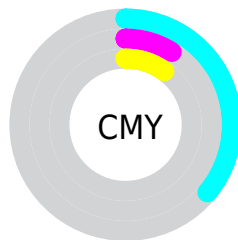
- Red (64%)
- Green (91%)
- Blue (90%)



- Red (64%)
- Yellow (78%)
- Blue (91%)



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



- Cyan (36%)
- Magenta (9%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4E7E6 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 A4E7E6 by changing the saturation by 10% instead.



 A4E7E6

 A4E7E6

FFFFFF

 88CBCA

 DDDFFF

 6DAFAF

 FAFFFF

 539494

 387B7A

 1B6161

 00494A

 003233

 001E1E

 000004

 A4E7E6

 A4E7E6

 8DE7E6

 BBE7E6

 76E7E5

 D2E7E7

 5FE7E5

 E9E7E7

 48E7E5

 FFE7E7

 31E7E4

 FFE7E8

 19E7E4

 FFE7E9

 02E7E4

 00E7E4

# Harmonies

## Analogous

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



B1E6D1



A4E7E6



A6E5F8

# Triad

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



A4E7E6



EDD2F8



F4D6B3

# Complementary

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



A4E7E6



E7A4A5

# 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.



FFD0BD



A4E7E6



FFCDE5

# Square

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



A4E7E6



D3D9FF



FFCDD0



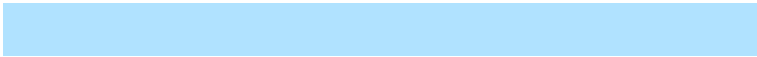
DFDDB3

# Rectangle

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



A4E7E6



B0E2FF



FFCDD0



FAD4B5



# Sweetspot

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



A4E7E6



E8FFFF



A5E7A4



71807F



000000



808080



# Same Dimension

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



A4E7E6



A6FFFE



A4C7E7



677373



00B3B0



003332



# Inverse Universe

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



E7A4A5



FFA6A7



E7C4A4



736767



B30003

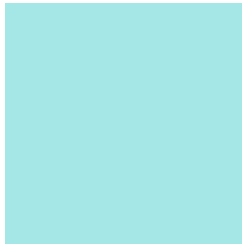


330001



# Previews

## White Background



This preview shows how the Hex color A4E7E6 looks on a white background.

## Color Contrast Check

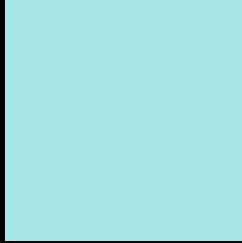
Large Text (above 18pt) WCAG AA × Fail

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 A4E7E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

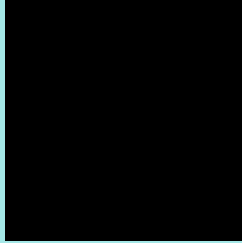
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A4E7E6 Background



This preview shows how black text looks on a background with the Hex color A4E7E6.

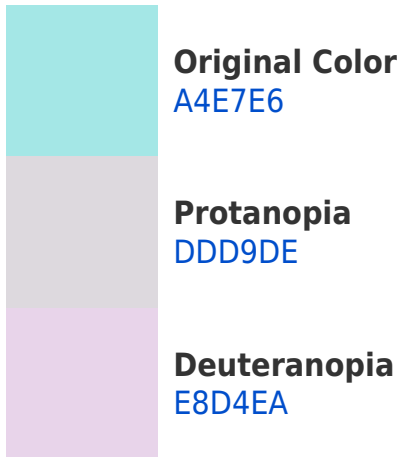


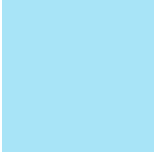
This preview shows how white text looks on a background with the Hex color A4E7E6.

# 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



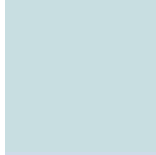


**Tritanopia**  
A8E4F7

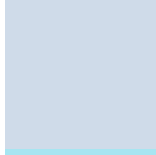
# Trichromacy



**Original Color**  
A4E7E6



**Protanomaly**  
C8DEE1



**Deuteranomaly**  
CFDBE9

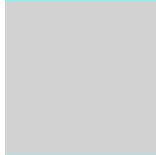


**Tritanomaly**  
A7E5F1

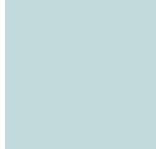
# Monochromacy



**Original Color**  
A4E7E6



**Achromatopsia**  
D3D3D3



**Achromatomaly**  
C2DADA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4E7E6 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 #A4E7E6 looks like.

```
.text, #text, p{  
    color:#A4E7E6  
}
```

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 #A4E7E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4E7E6
}
```

## Border

The CSS property to change the border of an element to Hex A4E7E6 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
#A4E7E6 }
```

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

```
.border{ border-color:#A4E7E6 }
```

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

Here you see how a box with a 4 pixel #A4E7E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4E7E6; -webkit-box-shadow:4px 4px  
4px 4px #A4E7E6; box-shadow:4px 4px 4px  
4px #A4E7E6 }
```

# Background

The CSS property to change the background color of an element to Hex A4E7E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4E7E6 }
```

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

```
.background{ background-color:#A4E7E6 }
```

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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