

# Converting Colors

Hex(A4E2EC)

Have a look what the booklet for  
Hex(A4E2EC) contains.

<b>Hex(A4E2EC)</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(A4E2EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4E2EC
RGB	164, 226, 236
RGB Percent	64%, 89%, 93%
CMY	0.3569, 0.1137, 0.0745
CMYK	0.31, 0.04, 0.00, 0.07
HSL	188°, 65%, 78%
HSV	188°, 31%, 93%
XYZ	57.6465, 68.3414, 89.5098
YIQ	208.6020, -40.1620, -10.0340

# Conversions

## Conversions Part 2

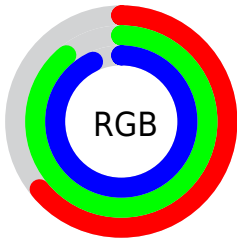
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 197, 236
Decimal	10805996
CIELab	86.18, -17.18, -11.19
CIElCh	86, 20.504, 213.071
Yxy	68.3414, 0.2675, 0.3171
Android (android.graphics.Color)	4288996076 (0xFFA4E2EC)
YUV	208.6020, 13.5072, -39.1160
Hunter-Lab	82.6688, -20.1991, -6.3281

# Details

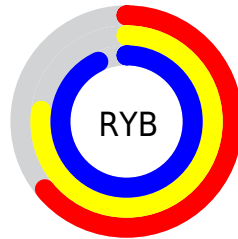
The Hex color **A4E2EC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **ECAEA4**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **DDFFFF**, and **6DABB4** is the 20% darker color. If you saturate the color by 10%, you get **8CDFEC**, and if you desaturate by 10%, it is **BCE5EC**.

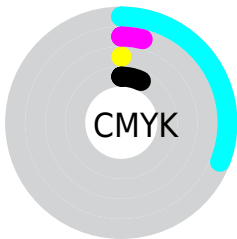
# Distribution



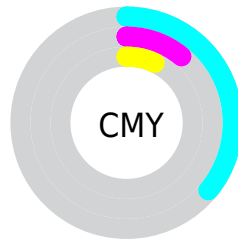
- Red (64%)
- Green (89%)
- Blue (93%)



- Red (64%)
- Yellow (77%)
- Blue (93%)



- Cyan (31%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)



- Cyan (36%)
- Magenta (11%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4E2EC 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 A4E2EC by changing the saturation by 10% instead.



 A4E2EC

 A4E2EC

FFFFFF

 88C6D0

 DDFFFF

 6DABB4

 FAFFFF

 539099

 38767F

 1B5D66

 00464E

 002F38

 001B22

 00000B

 A4E2EC

 A4E2EC

 8CDFEC

 BCE5EC

 75DBEC

 D3E9EC

 5DD8EC

 EBCEEC

 46D5EC

 FFEFEC

 2ED2EC

 FFF2EC

 16CEEC

 FFF6EC

 00CBEC

 FFF9EC

 FFFCEC

 FFFFEC

# Harmonies

## Analogous

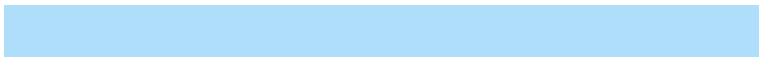
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A9E3D9



A4E2EC



AEDEFA

# Triad

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



A4E2EC



F3CCEA



E5D7B1

# Complementary

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



A4E2EC



ECAEA4

# 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.



F6D0B6



A4E2EC



FFCAD6

# Square

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



A4E2EC



DED2F8



FFCC33



CFDDB7

# Rectangle

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



A4E2EC



BCDBFE



FFCC33



EBD5B1

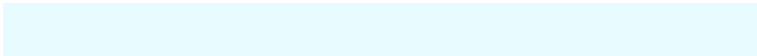


# Sweetspot

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



A4E2EC



E8FCFF



A4ECAE



717E80



000000



808080



# Same Dimension

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



A4E2EC



A1F2FF



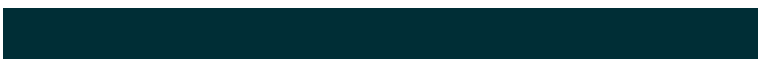
A4BEEC



6A7475



009CB5



002E36



# Inverse Universe

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



ECA4E2



FFA1F2



ECD2A4



756A74



B5009C

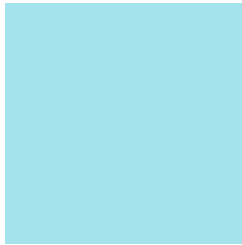


36002E



# Previews

## White Background



This preview shows how the Hex color A4E2EC looks on a white background.

## Color Contrast Check

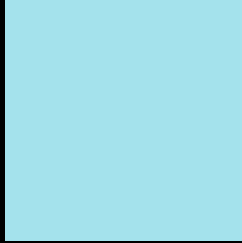
Large Text (above 18pt) WCAG AA × Fail

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 A4E2EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

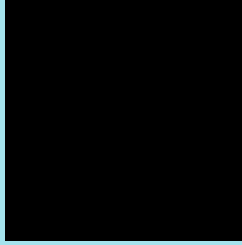
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A4E2EC Background



This preview shows how black text looks on a background with the Hex color A4E2EC.

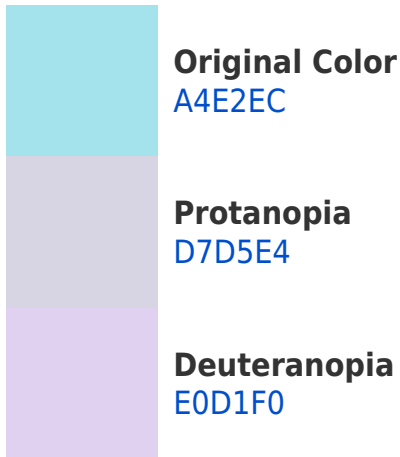


This preview shows how white text looks on a background with the Hex color A4E2EC.

# 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](#).

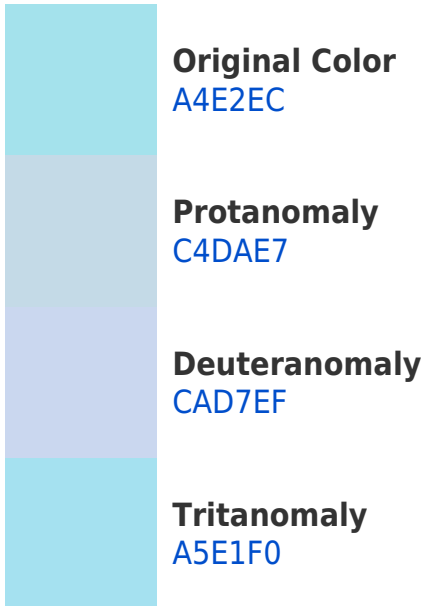
## Dichromacy



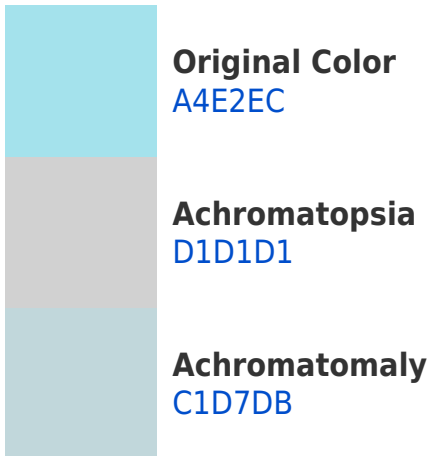


**Tritanopia**  
A6E1F3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4E2EC 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 #A4E2EC looks like.

```
.text, #text, p{  
    color:#A4E2EC  
}
```

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 #A4E2EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4E2EC
}
```

## Border

The CSS property to change the border of an element to Hex A4E2EC 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
#A4E2EC }
```

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

```
.border{ border-color:#A4E2EC }
```

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

Here you see how a box with a 4 pixel #A4E2EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4E2EC; -webkit-box-shadow:4px 4px  
4px 4px #A4E2EC; box-shadow:4px 4px 4px  
4px #A4E2EC }
```

# Background

The CSS property to change the background color of an element to Hex A4E2EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4E2EC }
```

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

```
.background{ background-color:#A4E2EC }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor