

# Converting Colors

Hex(A4EAE3)

Have a look what the booklet for  
Hex(A4EAE3) contains.

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# Color

**Hex(A4EAE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4EAE3
RGB	164, 234, 227
RGB Percent	64%, 92%, 89%
CMY	0.3569, 0.0824, 0.1098
CMYK	0.30, 0.00, 0.03, 0.08
HSL	174°, 62%, 78%
HSV	174°, 30%, 92%
XYZ	58.5978, 72.2842, 83.5369
YIQ	212.2720, -39.4730, -17.0170

# Conversions

## Conversions Part 2

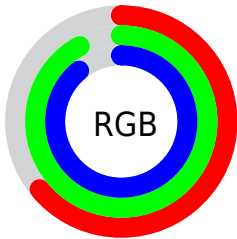
Format	Color
<b>RYB</b>	164, 201, 234
Decimal	10808035
CIELab	88.11, -23.18, -3.60
CIELCh	88, 23.457, 188.829
Yxy	72.2842, 0.2733, 0.3371
Android (android.graphics.Color)	4288998115 (0xFFA4EAE3)
YUV	212.2720, 7.2609, -42.3345
Hunter-Lab	85.0201, -25.7590, 1.2585

# Details

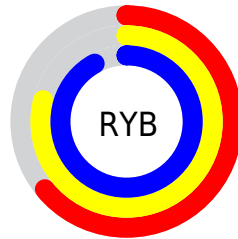
The Hex color **A4EAE3** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EAA4AB**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **DDFFFF**, and **6DB2AC** is the 20% darker color. If you saturate the color by 10%, you get **8DEAE1**, and if you desaturate by 10%, it is **BBEAE5**.

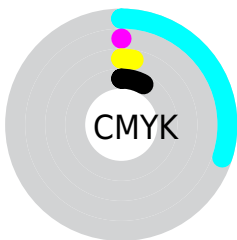
# Distribution



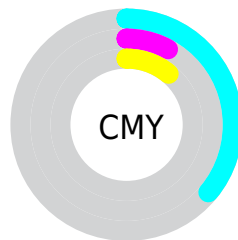
- Red (64%)
- Green (92%)
- Blue (89%)



- Red (64%)
- Yellow (79%)
- Blue (92%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (36%)
- Magenta (8%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4EAE3 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 A4EAE3 by changing the saturation by 10% instead.



 A4EAE3

FFFFFF

 DDFFFF

 FAFFFF

 A4EAE3

 88CEC7

 6DB2AC

 539791

 387D78

 1A645F

 004C47

 003531

 00201C

 000001

 A4EAE3

 A4EAE3

 8DEAE1

 BBEAE5

 75EADE

 D3EAE8

 5EEADC

 EAEAEA

 46EADA

 FFEAEC

 2FEAD7

 FFEAEF

 18EAD5

 FFEAF1

 00EAD3

 FFEAF3

 FFEAF6

 FFEAF8

# Harmonies

## Analogous

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



B6E9CC



A4EAE3



A1E8F8

# Triad

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



A4EAE3



E9D5FF



FDD6B4

# Complementary

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



A4EAE3



EAA4AB

# 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.



FFD0C2



A4EAE3



FFCFEE

# Square

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



A4EAE3



CCDDFF



FFCDD7



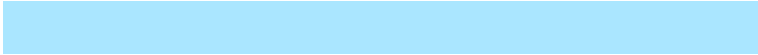
E7DEB1

# Rectangle

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



A4EAE3



AAE6FF



FFCDD7



FFD4B8



# Sweetspot

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



A4EAE3



E8FFFD



ABEAA4



71807E



000000



808080

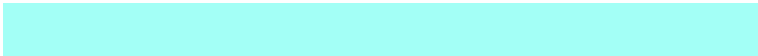


# Same Dimension

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



A4EAE3



A3FFF6



A4CEEA



6A7574



00B5A3



003630



# Inverse Universe

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



EAA4AB



FFA3AC



EAC0A4



756A6B



B50012

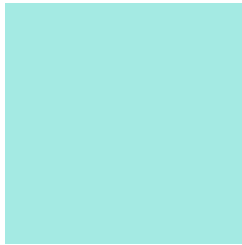


360005



# Previews

## White Background



This preview shows how the Hex color A4EAE3 looks on a white background.

## Color Contrast Check

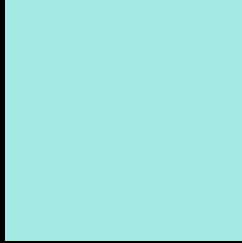
Large Text (above 18pt) WCAG AA × Fail

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 A4EAE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

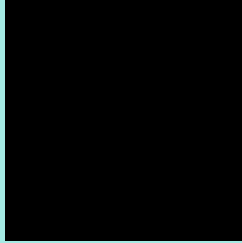
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

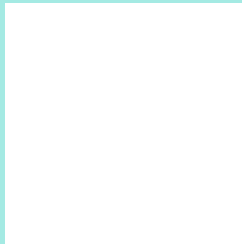
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A4EAE3 Background



This preview shows how black text looks on a background with the Hex color A4EAE3.

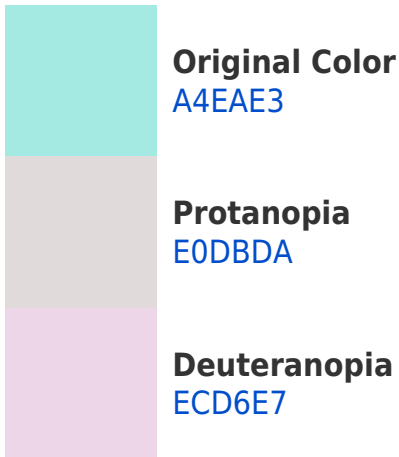


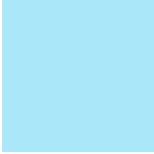
This preview shows how white text looks on a background with the Hex color A4EAE3.

# 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



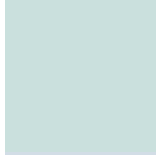


**Tritanopia**  
A9E7F9

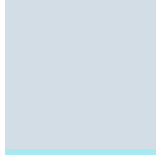
# Trichromacy



**Original Color**  
A4EAE3



**Protanomaly**  
CAE0DD



**Deuteranomaly**  
D2DDE6

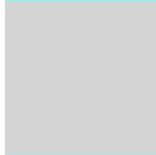


**Tritanomaly**  
A7E8F1

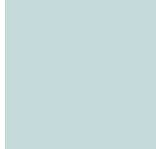
# Monochromacy



**Original Color**  
A4EAE3



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
C3DCD9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4EAE3 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 #A4EAE3 looks like.

```
.text, #text, p{  
    color:#A4EAE3  
}
```

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 #A4EAE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4EAE3  
}
```

## Border

The CSS property to change the border of an element to Hex A4EAE3 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  
#A4EAE3 }
```

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

```
.border{ border-color:#A4EAE3 }
```

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

Here you see how a box with a 4 pixel #A4EAE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4EAE3; -webkit-box-shadow:4px 4px  
4px 4px #A4EAE3; box-shadow:4px 4px 4px  
4px #A4EAE3 }
```

# Background

The CSS property to change the background color of an element to Hex A4EAE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4EAE3 }
```

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

```
.background{ background-color:#A4EAE3 }
```

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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