

# Converting Colors

Hex(A3EAE1)

Have a look what the booklet for  
Hex(A3EAE1) contains.

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# Color

**Hex(A3EAE1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3EAE1
RGB	163, 234, 225
RGB Percent	64%, 92%, 88%
CMY	0.3608, 0.0824, 0.1176
CMYK	0.30, 0.00, 0.04, 0.08
HSL	172°, 63%, 78%
HSV	172°, 30%, 92%
XYZ	58.1177, 72.0684, 82.0816
YIQ	211.7450, -39.4270, -17.8510

# Conversions

## Conversions Part 2

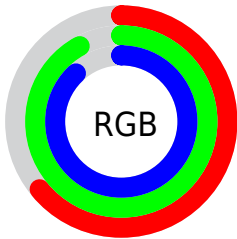
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 201, 234
Decimal	10742497
CIELab	88.00, -23.90, -2.71
CIELCh	88, 24.051, 186.469
Yxy	72.0684, 0.2738, 0.3395
Android (android.graphics.Color)	4288932577 (0xFFA3EAE1)
YUV	211.7450, 6.5347, -42.7494
Hunter-Lab	84.8931, -26.3622, 2.0987

# Details

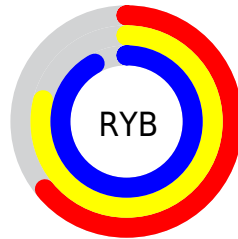
The Hex color **A3EAE1** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EAA3AC**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **DCFFFF**, and **6CB2AA** is the 20% darker color. If you saturate the color by 10%, you get **8CEADE**, and if you desaturate by 10%, it is **BAEAE4**.

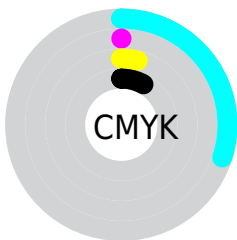
# Distribution



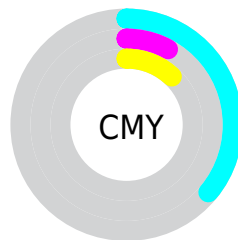
- Red (64%)
- Green (92%)
- Blue (88%)



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



- Cyan (30%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)



- Cyan (36%)
- Magenta (8%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3EAE1 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 A3EAE1 by changing the saturation by 10% instead.



 A3EAE1

 A3EAE1

FFFFFF

 87CEC5

 DCFFFF

 6CB2AA

 F9FFFF

 52978F

 377D76

 19645D

 004C46

 00342F

 00201B

 000000

 A3EAE1

 A3EAE1

 8CEADE

 BAEAE4

 74EADB

 D2EAE7

 5DEAD8

 E9EAEA

 45EAD5

 FFEAED

 2EEAD2

 FFEAF0

 17EACF

 FFEAF3

 00EACC

 FFEAF6

 FFEAF9

 FFEAFC

# Harmonies

## Analogous

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



B6E8CA



A3EAE1



9FE9F7

# Triad

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



A3EAE1



E7D5FF



FED5B3

# Complementary

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



A3EAE1



EAA3AC

# 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.



FFCFC3



A3EAE1



FFCFEF

# Square

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



A3EAE1



C9DDFF



FFCDD8



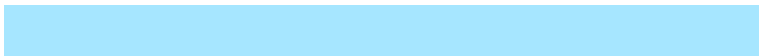
E9DDAF

# Rectangle

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



A3EAE1



A6E6FF



FFCDD8



FFD3B7



# Sweetspot

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



A3EAE1



E8FFFC



ACEAA3



71807E



000000



808080



# Same Dimension

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



A3EAE1



A3FFF3



A3D0EA



6A7574



00B59E



00362F



# Inverse Universe

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



EAA3AC



FFA3AF



EABDA3



756A6B



B50017

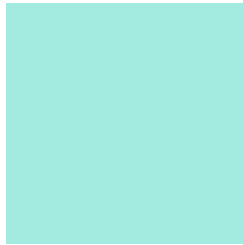


360007



# Previews

## White Background



This preview shows how the Hex color A3EAE1 looks on a white background.

## Color Contrast Check

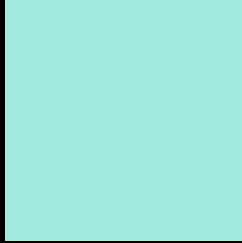
Large Text (above 18pt) WCAG AA × Fail

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 A3EAE1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

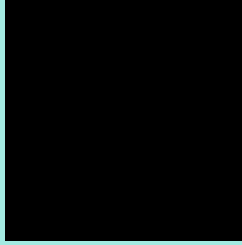
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

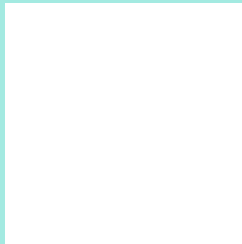
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A3EAE1 Background



This preview shows how black text looks on a background with the Hex color A3EAE1.

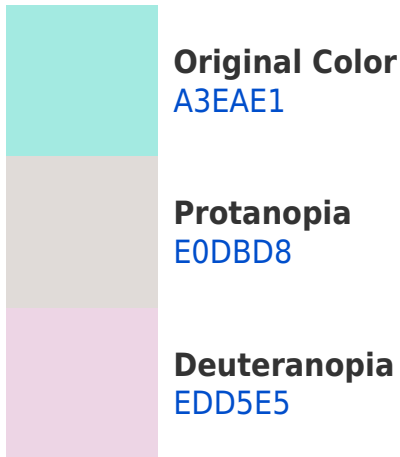


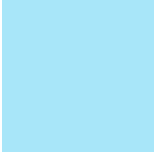
This preview shows how white text looks on a background with the Hex color A3EAE1.

# 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



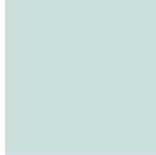


**Tritanopia**  
A8E6F9

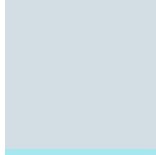
# Trichromacy



**Original Color**  
A3EAE1



**Protanomaly**  
CAE0DB



**Deuteranomaly**  
D2DDE4

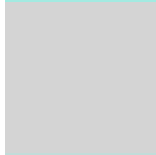


**Tritanomaly**  
A6E7F0

# Monochromacy



**Original Color**  
A3EAE1



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
C2DCD9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3EAE1 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 #A3EAE1 looks like.

```
.text, #text, p{  
    color:#A3EAE1  
}
```

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 #A3EAE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3EAE1  
}
```

## Border

The CSS property to change the border of an element to Hex A3EAE1 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  
#A3EAE1 }
```

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

```
.border{ border-color:#A3EAE1 }
```

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

Here you see how a box with a 4 pixel #A3EAE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3EAE1; -webkit-box-shadow:4px 4px  
4px 4px #A3EAE1; box-shadow:4px 4px 4px  
4px #A3EAE1 }
```

# Background

The CSS property to change the background color of an element to Hex A3EAE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3EAE1 }
```

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

```
.background{ background-color:#A3EAE1 }
```

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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