

# Converting Colors

Hex(A3EEE1)

Have a look what the booklet for  
Hex(A3EEE1) contains.

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# **Color**

**Hex(A3EEE1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3EEE1
RGB	163, 238, 225
RGB Percent	64%, 93%, 88%
CMY	0.3608, 0.0667, 0.1176
CMYK	0.32, 0.00, 0.05, 0.07
HSL	170°, 69%, 79%
HSV	170°, 32%, 93%
XYZ	59.2694, 74.3718, 82.4655
YIQ	214.0930, -40.5270, -19.9430

# Conversions

## Conversions Part 2

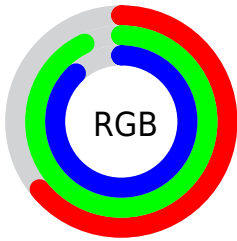
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 204, 238
Decimal	10743521
CIELab	89.10, -25.84, -1.10
CIElCh	89, 25.862, 182.443
Yxy	74.3718, 0.2743, 0.3441
Android (android.graphics.Color)	4288933601 (0xFFA3EEE1)
YUV	214.0930, 5.3772, -44.8086
Hunter-Lab	86.2391, -28.2411, 3.6717

# Details

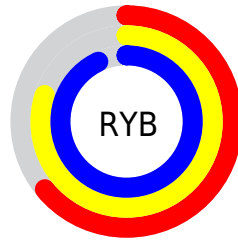
The Hex color **A3EEE1** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EEA3B0**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **DCFFFF**, and **6CB6AA** is the 20% darker color. If you saturate the color by 10%, you get **8BEEDD**, and if you desaturate by 10%, it is **BBEEE5**.

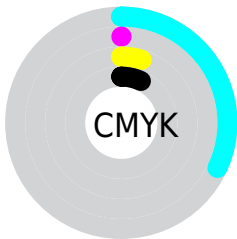
# Distribution



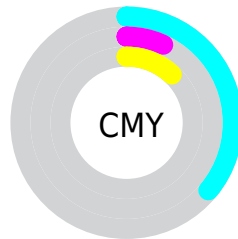
- Red (64%)
- Green (93%)
- Blue (88%)



- Red (64%)
- Yellow (80%)
- Blue (93%)



- Cyan (32%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (36%)
- Magenta (7%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3EEE1 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 A3EEE1 by changing the saturation by 10% instead.



 A3EEE1

 A3EEE1

FFFFFF

 87D2C5


 DCFFFF

 6CB6AA

 F9FFFF

 519B8F

 368176

 17675D

 004F46

 00372F

 00221B

 000000

 A3EEE1

 A3EEE1

 8BEEDD

 BBEEE5

 73EED9

 D3EEE9

 5CEED5

 EAEEED

 44EED0

 FFEEF2

 2CEECC

 FFEEF6

 14EEC8

 FFEEFA

 00EEC5

 FFEEFE

 FFEEFF

# Harmonies

## Analogous

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



B9ECC8



A3EEE1



9BEDF9

# Triad

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



A3EEE1



E7D9FF



FFD7B5

# Complementary

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



A3EEE1



EEA3B0

# 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.



FFD0C6



A3EEE1



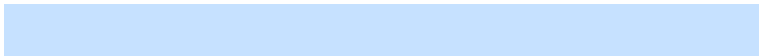
FFD2F7

# Square

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



A3EEE1



C6E1FF



FFCEDF



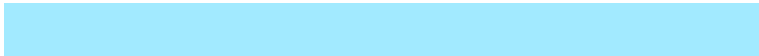
F1DFAF

# Rectangle

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



A3EEE1



A2EAFF



FFCEDF



FFD4BA



# Sweetspot

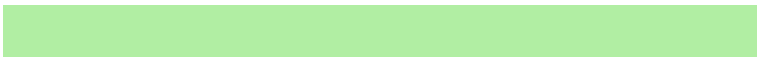
The Sweet Spot groups the original color and five complimentary colors.



A3EEE1



E8FFFB



B1EEA3



71807D



000000



808080

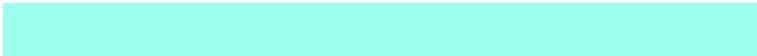


# Same Dimension

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



A3EEE1



9EFFEE



A3D6EE



6C7876



00B898



00382E



# Inverse Universe

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



EEA3B0



FF9EAF



EEBBA3



786C6E



B80020

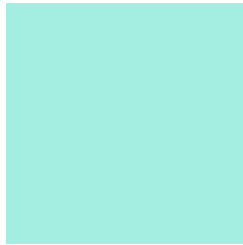


38000A



# Previews

## White Background



This preview shows how the Hex color A3EEE1 looks on a white background.

## Color Contrast Check

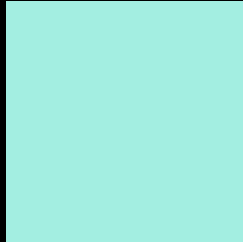
Large Text (above 18pt) WCAG AA × Fail

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 A3EEE1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

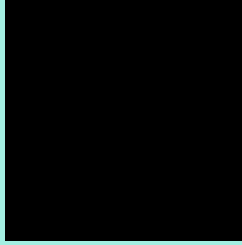
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

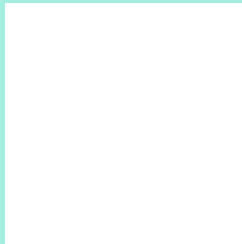
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A3EEE1 Background



This preview shows how black text looks on a background with the Hex color A3EEE1.

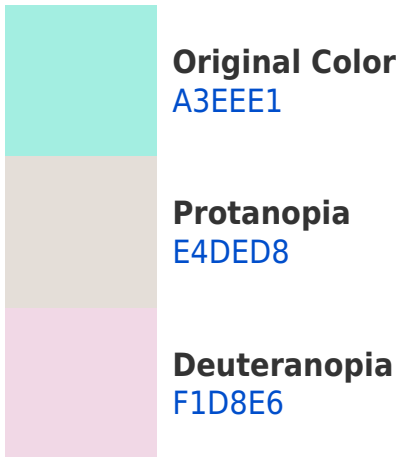


This preview shows how white text looks on a background with the Hex color A3EEE1.

# 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](#).

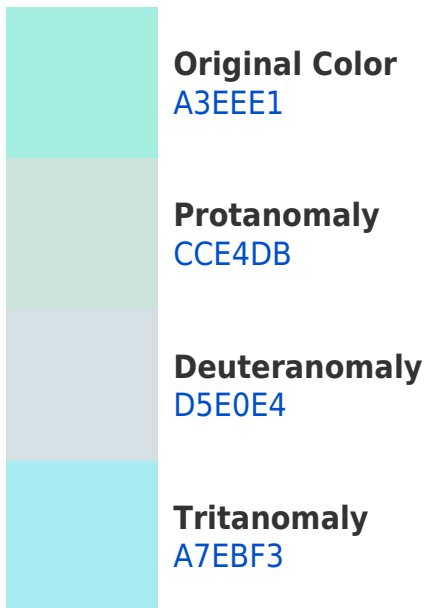
## Dichromacy



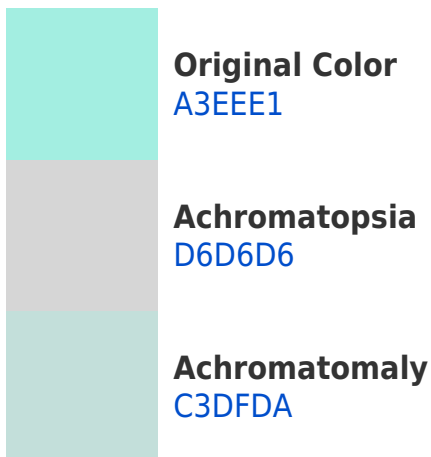


**Tritanopia**  
A9EAFD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3EEE1 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 #A3EEE1 looks like.

```
.text, #text, p{  
    color:#A3EEE1  
}
```

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 #A3EEE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3EEE1  
}
```

## Border

The CSS property to change the border of an element to Hex A3EEE1 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  
#A3EEE1 }
```

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

```
.border{ border-color:#A3EEE1 }
```

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

Here you see how a box with a 4 pixel #A3EEE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3EEE1; -webkit-box-shadow:4px 4px  
4px 4px #A3EEE1; box-shadow:4px 4px 4px  
4px #A3EEE1 }
```

# Background

The CSS property to change the background color of an element to Hex A3EEE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3EEE1 }
```

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

```
.background{ background-color:#A3EEE1 }
```

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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