

# Converting Colors

Hex(A3ECD8)

Have a look what the booklet for  
Hex(A3ECD8) contains.

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# **Color**

**Hex(A3ECD8)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                 |
|---------------|------------------------------|
| Hex           | A3ECD8                       |
| RGB           | 163, 236, 216                |
| RGB Percent   | 64%, 93%, 85%                |
| CMY           | 0.3608, 0.0745, 0.1529       |
| CMYK          | 0.31, 0.00, 0.08, 0.07       |
| HSL           | 164°, 66%, 78%               |
| HSV           | 164°, 31%, 93%               |
| XYZ           | 57.4944, 72.7353, 75.9748    |
| YIQ           | 211.8930, -37.0880, -21.6960 |

# Conversions

## Conversions Part 2

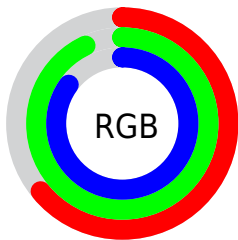
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 163, 205, 236                 |
| Decimal                             | 10743000                      |
| CIELab                              | 88.32, -26.80, 2.47           |
| CIELCh                              | 88, 26.912, 174.728           |
| Yxy                                 | 72.7353, 0.2788,<br>0.3527    |
| Android<br>(android.graphics.Color) | 4288933080<br>(0xFFA3ECD8)    |
| YUV                                 | 211.8930, 2.0248,<br>-42.8792 |
| Hunter-Lab                          | 85.2850, -28.9140,<br>6.8819  |

# Details

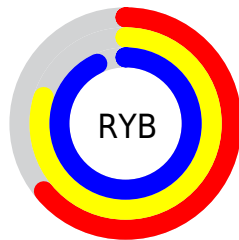
The Hex color **A3ECD8** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **ECA3B7**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **DCFFFF**, and **6DB4A1** is the 20% darker color. If you saturate the color by 10%, you get **8BECD2**, and if you desaturate by 10%, it is **BBECDE**.

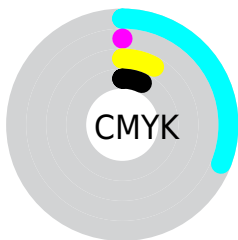
# Distribution



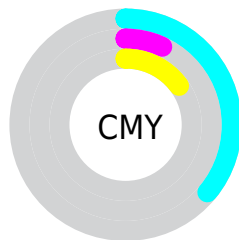
- Red (64%)
- Green (93%)
- Blue (85%)



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



- Cyan (31%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)



- Cyan (36%)
- Magenta (7%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3ECD8 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 A3ECD8 by changing the saturation by 10% instead.



 A3ECD8

 A3ECD8

FFFFFF

 88D0BC

 DCFFFF

 6DB4A1

 F9FFFF

 529987

 377F6E

 1A6555

 004D3E

 003629

 002114

 000000

 A3ECD8

 A3ECD8

 8BECD2

 BBECDE

 74ECCB

 D2ECE5

 5CECC5

 EAECEB

 45ECBE

 FFECF2

 2DECB8

 FFECF8

 15ECB1

 FFECFF

 00ECAB

# Harmonies

## Analogous

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



BDE9BF



A3ECD8



95ECF2

# Triad

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



A3ECD8



DCD9FF



FFD2B5

# Complementary

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



A3ECD8



ECA3B7

# 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.



FFCC99



A3ECD8



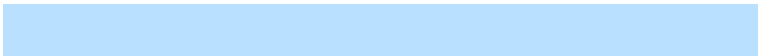
FBD0FC

# Square

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



A3ECD8



B9E1FF



FFCCE3



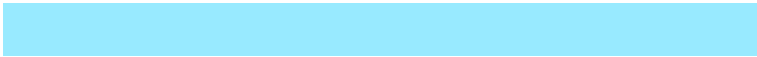
F5DAAB

# Rectangle

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



A3ECD8



98EAFF



FFCCE3



FFD0BB



# Sweetspot

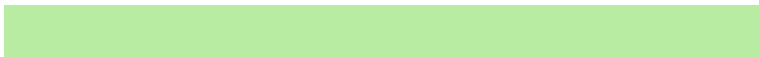
The Sweet Spot groups the original color and five complimentary colors.



A3ECD8



E8FFF9



B8ECA3



71807C



000000



808080



# Same Dimension

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



A3ECD8



A1FFE5



A3DCEC



6A7572



00B583



003627



# Inverse Universe

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



ECA3B7



FFA1BA



ECB3A3



756A6D



B50032

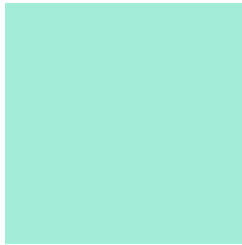


36000F



# Previews

## White Background



This preview shows how the Hex color A3ECD8 looks on a white background.

## Color Contrast Check

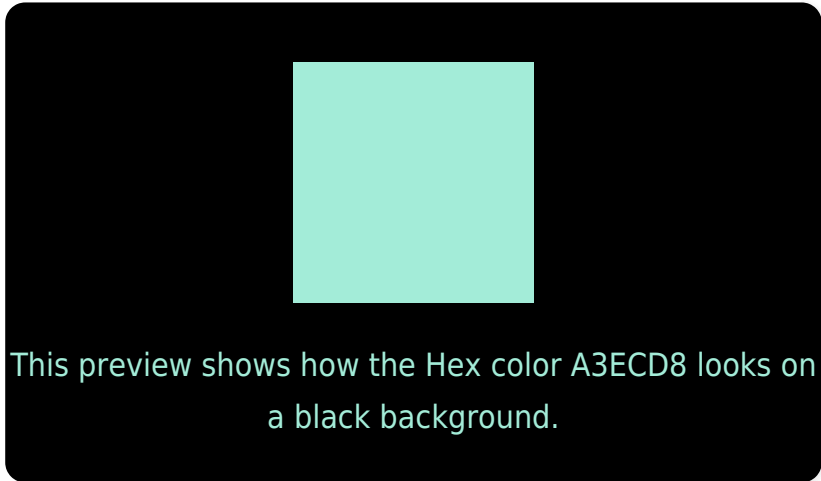
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

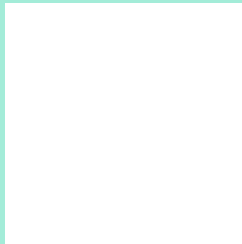
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A3ECD8 Background



This preview shows how black text looks on a background with the Hex color A3ECD8.

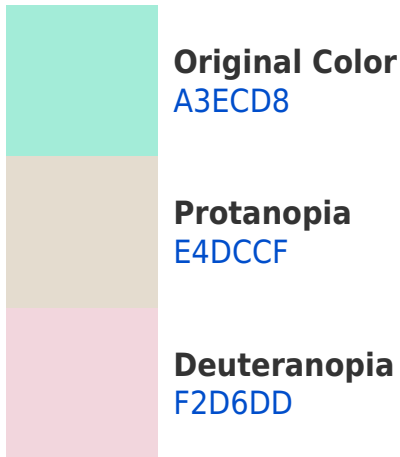


This preview shows how white text looks on a background with the Hex color A3ECD8.

# 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



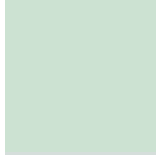


**Tritanopia**  
AAE7FA

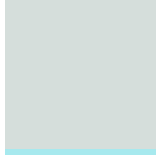
# Trichromacy



**Original Color**  
A3ECD8



**Protanomaly**  
CCE2D2



**Deuteranomaly**  
D5DEDB

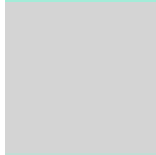


**Tritanomaly**  
A7E9EE

# Monochromacy



**Original Color**  
A3ECD8



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
C2DDD5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3ECD8 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 #A3ECD8 looks like.

```
.text, #text, p{  
    color:#A3ECD8  
}
```

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 #A3ECD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3ECD8  
}
```

## Border

The CSS property to change the border of an element to Hex A3ECD8 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  
#A3ECD8 }
```

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

```
.border{ border-color:#A3ECD8 }
```

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

Here you see how a box with a 4 pixel #A3ECD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3ECD8; -webkit-box-shadow:4px 4px  
4px 4px #A3ECD8; box-shadow:4px 4px 4px  
4px #A3ECD8 }
```

# Background

The CSS property to change the background color of an element to Hex A3ECD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3ECD8 }
```

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

```
.background{ background-color:#A3ECD8 }
```

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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