

# Converting Colors

Hex(A8E3D1)

Have a look what the booklet for  
Hex(A8E3D1) contains.

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# **Color**

**Hex(A8E3D1)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | A8E3D1                       |
| RGB         | 168, 227, 209                |
| RGB Percent | 66%, 89%, 82%                |
| CMY         | 0.3412, 0.1098, 0.1804       |
| CMYK        | 0.26, 0.00, 0.08, 0.11       |
| HSL         | 162°, 51%, 77%               |
| HSV         | 162°, 26%, 89%               |
| XYZ         | 55.1262, 67.8665, 70.5157    |
| YIQ         | 207.3070, -29.3860, -18.1060 |

# Conversions

## Conversions Part 2

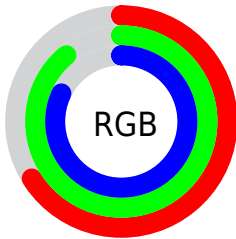
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 168, 203, 227                 |
| Decimal                             | 11068369                      |
| CIELab                              | 85.94, -22.42, 2.72           |
| CIELCh                              | 86, 22.585, 173.080           |
| Yxy                                 | 67.8665, 0.2849,<br>0.3507    |
| Android<br>(android.graphics.Color) | 4289258449<br>(0xFFA8E3D1)    |
| YUV                                 | 207.3070, 0.8346,<br>-34.4722 |
| Hunter-Lab                          | 82.3811, -24.7218,<br>6.9164  |

# Details

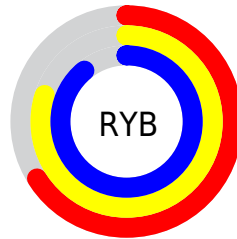
The Hex color **A8E3D1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3A8BA**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **E0FFFF**, and **72AB9B** is the 20% darker color. If you saturate the color by 10%, you get **91E3CA**, and if you desaturate by 10%, it is **BFE3D8**.

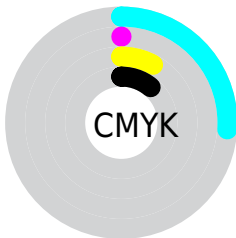
# Distribution



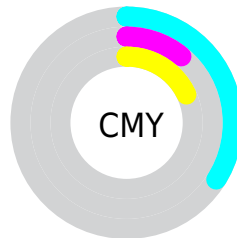
- Red (66%)
- Green (89%)
- Blue (82%)



- Red (66%)
- Yellow (80%)
- Blue (89%)



- Cyan (26%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (34%)
- Magenta (11%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8E3D1 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 A8E3D1 by changing the saturation by 10% instead.



 A8E3D1

 A8E3D1

FFFFFF

 8DC7B5

 E0FFFF

 72AB9B

FDFEFF

 599181

 3F7768

 265E50

 084639

 002F23

 001C0E

 000000

 A8E3D1

 A8E3D1

 91E3CA

 BFE3D8

 7BE3C3

 D5E3DF

 64E3BC

 ECE3E6

 4DE3B5

 FFE3ED

 36E3AE

 FFE3F4

 20E3A7

 FFE3FB

 09E3A1

 FFE3FF

 00E39E

# Harmonies

## Analogous

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



BDE0BD



A8E3D1



9DE3E7

# Triad

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



A8E3D1



D4D3FE



FDCDB6

# Complementary

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



A8E3D1



E3A8BA

# 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.



FFC9C7



A8E3D1



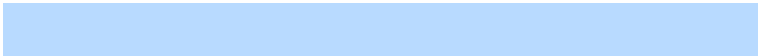
EECCF1

# Square

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



A8E3D1



B8DAFF



FFC8DD



ECD4AD

# Rectangle

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



A8E3D1



9FE1F3



FFC8DD



FFCBBB



# Sweetspot

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



A8E3D1



EBFFF9



BBE3A8



73807C



000000



808080

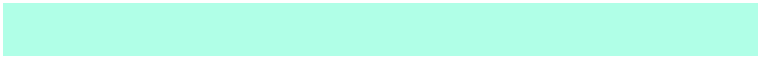


# Same Dimension

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



A8E3D1



B0FFE7



A8D8E3



67736F



00B37C



003323



# Inverse Universe

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



E3A8BA



FFB0C8



E3B3A8



73676B



B30036

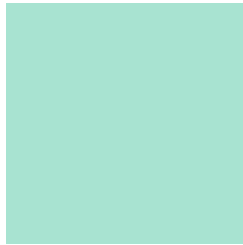


330010



# Previews

## White Background



This preview shows how the Hex color A8E3D1 looks on a white background.

## Color Contrast Check

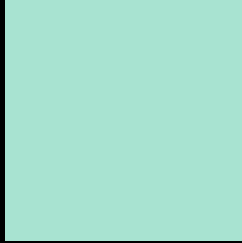
Large Text (above 18pt) WCAG AA × Fail

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 A8E3D1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

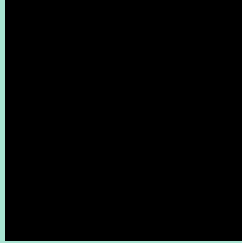
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

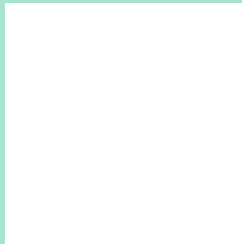
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A8E3D1 Background



This preview shows how black text looks on a background with the Hex color A8E3D1.

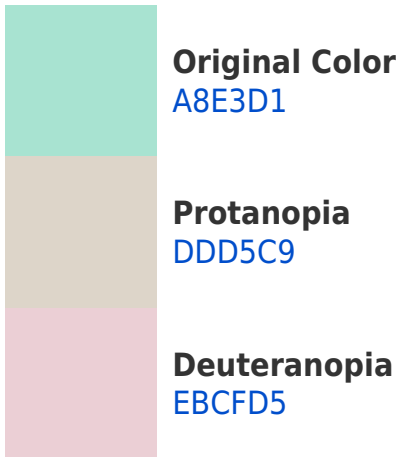


This preview shows how white text looks on a background with the Hex color A8E3D1.

# 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

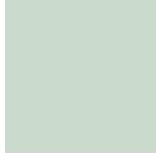




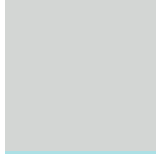
# Trichromacy



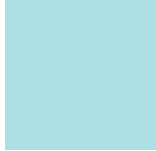
**Original Color**  
A8E3D1



**Protanomaly**  
CADACC



**Deuteranomaly**  
D3D6D4

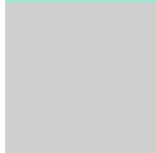


**Tritanomaly**  
ACE0E5

# Monochromacy



**Original Color**  
A8E3D1



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
C1D6D0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8E3D1 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 #A8E3D1 looks like.

```
.text, #text, p{  
    color:#A8E3D1  
}
```

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 #A8E3D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8E3D1
}
```

## Border

The CSS property to change the border of an element to Hex A8E3D1 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
#A8E3D1 }
```

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

```
.border{ border-color:#A8E3D1 }
```

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

Here you see how a box with a 4 pixel #A8E3D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8E3D1; -webkit-box-shadow:4px 4px  
4px 4px #A8E3D1; box-shadow:4px 4px 4px  
4px #A8E3D1 }
```

# Background

The CSS property to change the background color of an element to Hex A8E3D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8E3D1 }
```

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

```
.background{ background-color:#A8E3D1 }
```

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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