

Converting Colors

Hex(A8E4CD)

Have a look what the booklet for
Hex(A8E4CD) contains.

Hex(A8E4CD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A8E4CD)

Conversions

Conversions Part 1

Format	Color
Hex	A8E4CD
RGB	168, 228, 205
RGB Percent	66%, 89%, 80%
CMY	0.3412, 0.1059, 0.1961
CMYK	0.26, 0.00, 0.10, 0.11
HSL	157°, 53%, 78%
HSV	157°, 26%, 89%
XYZ	54.9113, 68.2194, 68.0311
YIQ	207.4380, -28.3770, -19.8730

Conversions

Conversions Part 2

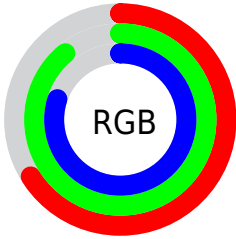
Format	Color
RYB	168, 205, 228
Decimal	11068621
CIELab	86.12, -23.72, 5.08
CIELCh	86, 24.261, 167.909
Yxy	68.2194, 0.2873, 0.3569
Android (android.graphics.Color)	4289258701 (0xFFA8E4CD)
YUV	207.4380, -1.2019, -34.5871
Hunter-Lab	82.5950, -25.8700, 8.9811

Details

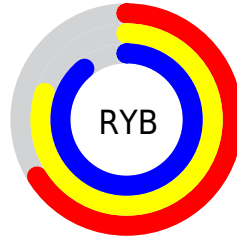
The Hex color **A8E4CD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E4A8BF**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **E0FFFF**, and **72AC97** is the 20% darker color. If you saturate the color by 10%, you get **91E4C4**, and if you desaturate by 10%, it is **BFE4D6**.

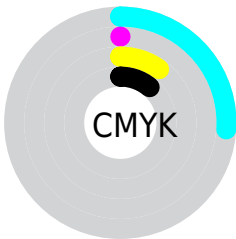
Distribution



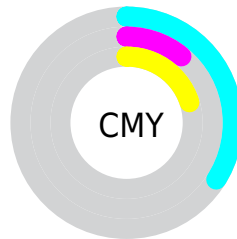
- Red (66%)
- Green (89%)
- Blue (80%)



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



- Cyan (26%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (34%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color A8E4CD 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 A8E4CD by changing the saturation by 10% instead.

 A8E4CD

 A8E4CD

FFFFFF

 8DC8B2

 E0FFFF

 72AC97

FDFFFF

 59927D

 3F7864

 265F4C

 084735

 003020

 001D09

 000000

 A8E4CD

 A8E4CD

 91E4C4

 BFE4D6

 7AE4BC

 D6E4DE

 64E4B3

 ECE4E7

 4DE4AA

 FFE4F0

 36E4A1

 FFE4F9

 1FE499

 FFE4FF

 08E490

 00E48D

Harmonies

Analogous

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



C0E0B8



A8E4CD



99E5E5

Triad

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



A8E4CD



CFD5FF



FFCCB6

Complementary

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



A8E4CD



E4A8BF

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.



FFC8CA



A8E4CD



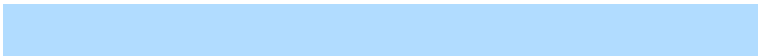
ECCDF6

Square

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



A8E4CD



B1DCFF



FFC8E2



F2D3AB

Rectangle

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



A8E4CD



99E3F3



FFC8E2



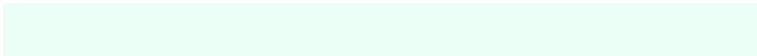
FFCABC

Sweetspot

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



A8E4CD



EBFFF7



BFE4A8



73807B



000000



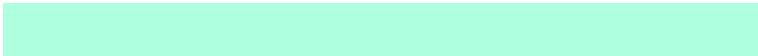
808080

Same Dimension

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



A8E4CD



ADFFE0



A8DDE4



67736E



00B36E



00331F

Inverse Universe

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



E4A8BF



FFADCD



E4AFA8



73676C



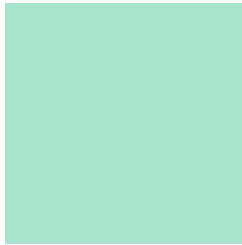
B30044



330014

Previews

White Background



This preview shows how the Hex color A8E4CD looks on a white background.

Color Contrast Check

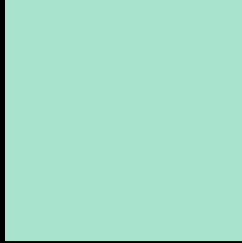
Large Text (above 18pt) WCAG AA × Fail

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 A8E4CD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

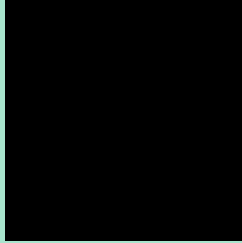
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

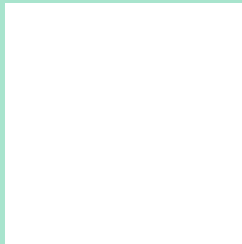
Any Text WCAG AAA ✓ Pass

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

Hex A8E4CD Background



This preview shows how black text looks on a background with the Hex color A8E4CD.

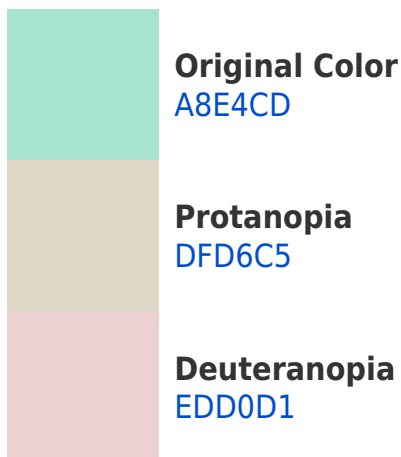


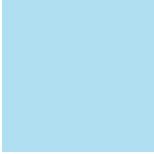
This preview shows how white text looks on a background with the Hex color A8E4CD.

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



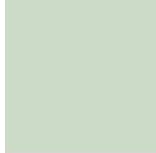


Tritanopia
AFDFF1

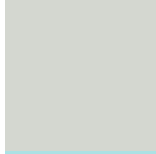
Trichromacy



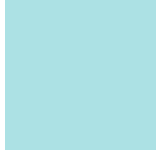
Original Color
A8E4CD



Protanomaly
CBD8C8



Deuteranomaly
D4D7D0

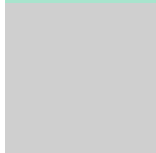


Tritanomaly
ACE1E4

Monochromacy



Original Color
A8E4CD



Achromatopsia
CFCFCF



Achromatomaly
C1D7CE

CSS Examples

Text

The CSS property to change the color of the text to Hex A8E4CD 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 #A8E4CD looks like.

```
.text, #text, p{  
    color:#A8E4CD  
}
```

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 #A8E4CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8E4CD
}
```

Border

The CSS property to change the border of an element to Hex A8E4CD 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
#A8E4CD }
```

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

```
.border{ border-color:#A8E4CD }
```

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

Here you see how a box with a 4 pixel #A8E4CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8E4CD; -webkit-box-shadow:4px 4px  
4px 4px #A8E4CD; box-shadow:4px 4px 4px  
4px #A8E4CD }
```

Background

The CSS property to change the background color of an element to Hex A8E4CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8E4CD }
```

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

```
.background{ background-color:#A8E4CD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor