

# Converting Colors

Hex(A8ECD5)

Have a look what the booklet for  
Hex(A8ECD5) contains.

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# **Color**

**Hex(A8ECD5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8ECD5
RGB	168, 236, 213
RGB Percent	66%, 93%, 84%
CMY	0.3412, 0.0745, 0.1647
CMYK	0.29, 0.00, 0.10, 0.07
HSL	160°, 64%, 79%
HSV	160°, 29%, 93%
XYZ	58.1541, 73.1198, 73.9993
YIQ	213.0460, -33.1450, -21.5690

# Conversions

## Conversions Part 2

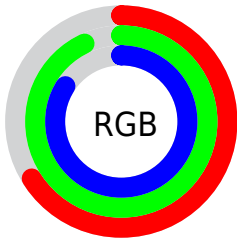
Format	Color
R <sub>Y</sub> B	168, 209, 236
Decimal	11070677
CIE Lab	88.50, -25.98, 4.34
CIE LCh	89, 26.338, 170.515
Yxy	73.1198, 0.2833, 0.3562
Android (android.graphics.Color)	4289260757 (0xFFA8ECD5)
YUV	213.0460, -0.0227, -39.5053
Hunter-Lab	85.5101, -28.2476, 8.5484

# Details

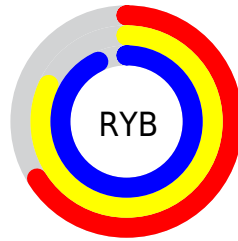
The Hex color **A8ECD5** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **ECA8BF**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **E1FFFF**, and **72B49E** is the 20% darker color. If you saturate the color by 10%, you get **90ECCD**, and if you desaturate by 10%, it is **C0ECDD**.

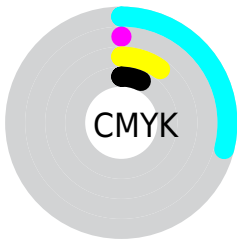
# Distribution



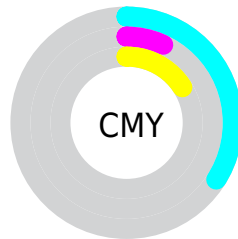
- Red (66%)
- Green (93%)
- Blue (84%)



- Red (66%)
- Yellow (82%)
- Blue (93%)



- Cyan (29%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)



- Cyan (34%)
- Magenta (7%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8ECD5 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 A8ECD5 by changing the saturation by 10% instead.



 A8ECD5

 A8ECD5

FFFFFF

 8DD0B9

 E1FFFF

 72B49E

FEFFFF

 589984

 3E7F6B

 236553

 004D3C

 003626

 002112

 000000

 A8ECD5

 A8ECD5

 90ECCD

 C0ECDD

 79ECC5

 D7ECE5

 61ECBD

 EFECED

 4AE CB5

 FFECF5

 32ECAD

 FFECFD

 1AECA5

 FFECFF

 03EC9D

 00EC9C

# Harmonies

## Analogous

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



C2E8BE



A8ECD5



99ECEF

# Triad

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



A8ECD5



D8DAFF



FFD2B8

# Complementary

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



A8ECD5



ECA8BF

# 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.



F7D2FE



A8ECD5



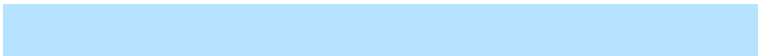
F7D2FE

# Square

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



A8ECD5



B6E3FF



FFCDE7



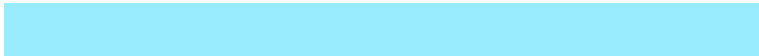
F9DAAD

# Rectangle

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



A8ECD5



99EBFE



FFCDE7



FFD0BF



# Sweetspot

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



A8ECD5



E8FFF7



C0ECA8



71807B



000000



808080

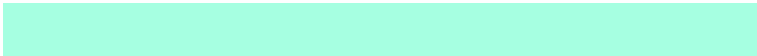


# Same Dimension

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



A8ECD5



A6FFE1



A8E2EC



6A7571



00B578



003623



# Inverse Universe

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



ECA8BF



FFA6C4



ECB2A8



756A6E



B5003D

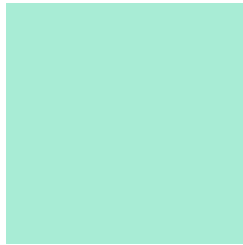


360012



# Previews

## White Background



This preview shows how the Hex color A8ECD5 looks on a white background.

## Color Contrast Check

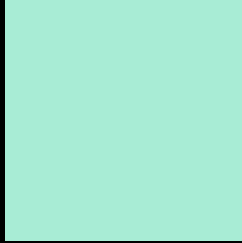
Large Text (above 18pt) WCAG AA × Fail

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 A8ECD5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

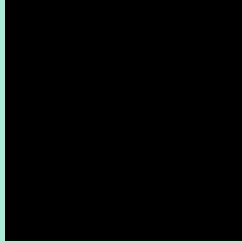
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

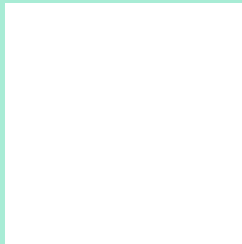
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A8ECD5 Background



This preview shows how black text looks on a background with the Hex color A8ECD5.

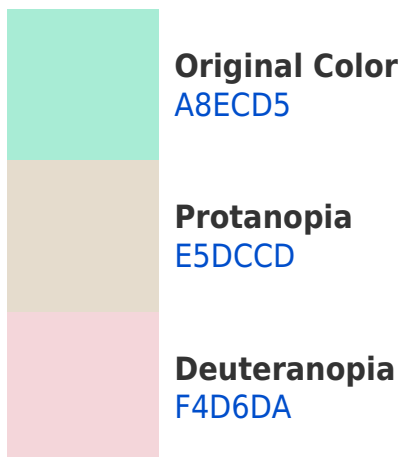


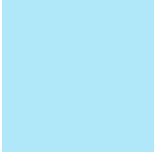
This preview shows how white text looks on a background with the Hex color A8ECD5.

# 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



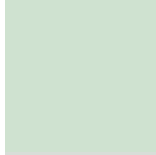


**Tritanopia**  
B0E7F9

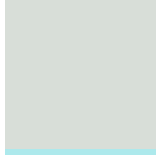
# Trichromacy



**Original Color**  
A8ECD5



**Protanomaly**  
CFE2D0



**Deuteranomaly**  
D8DED8

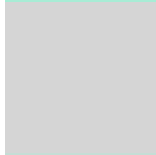


**Tritanomaly**  
ADE9EC

# Monochromacy



**Original Color**  
A8ECD5



**Achromatopsia**  
D5D5D5



**Achromatomaly**  
C5DDD5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8ECD5 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 #A8ECD5 looks like.

```
.text, #text, p{  
    color:#A8ECD5  
}
```

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 #A8ECD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8ECD5  
}
```

## Border

The CSS property to change the border of an element to Hex A8ECD5 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  
#A8ECD5 }
```

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

```
.border{ border-color:#A8ECD5 }
```

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

Here you see how a box with a 4 pixel #A8ECD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8ECD5; -webkit-box-shadow:4px 4px  
4px 4px #A8ECD5; box-shadow:4px 4px 4px  
4px #A8ECD5 }
```

# Background

The CSS property to change the background color of an element to Hex A8ECD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8ECD5 }
```

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

```
.background{ background-color:#A8ECD5 }
```

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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