

Converting Colors

Hex(A8CEE9)

Have a look what the booklet for
Hex(A8CEE9) contains.

Hex(A8CEE9)	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(A8CEE9)

Conversions

Conversions Part 1

Format	Color
Hex	A8CEE9
RGB	168, 206, 233
RGB Percent	66%, 81%, 91%
CMY	0.3412, 0.1922, 0.0863
CMYK	0.28, 0.12, 0.00, 0.09
HSL	205°, 60%, 79%
HSV	205°, 28%, 91%
XYZ	52.9277, 58.3506, 85.5640
YIQ	197.7160, -31.3150, 0.3410

Conversions

Conversions Part 2

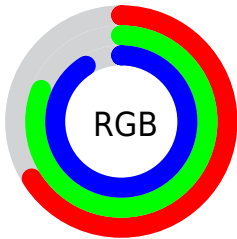
Format	Color
RYB	168, 192, 233
Decimal	11063017
CIELab	80.93, -6.46, -17.43
CIELCh	81, 18.593, 249.670
Yxy	58.3506, 0.2689, 0.2964
Android (android.graphics.Color)	4289253097 (0xFFA8CEE9)
YUV	197.7160, 17.3950, -26.0609
Hunter-Lab	76.3876, -9.9985, -12.9412

Details

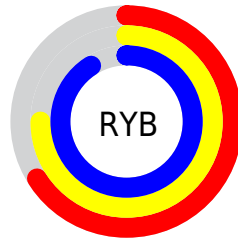
The Hex color **A8CEE9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E9C3A8**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **E0FFFF**, and **7298B1** is the 20% darker color. If you saturate the color by 10%, you get **91C4E9**, and if you desaturate by 10%, it is **BFD8E9**.

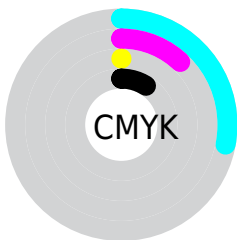
Distribution



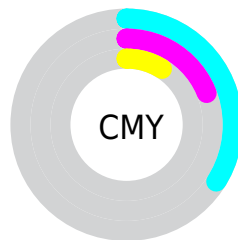
- Red (66%)
- Green (81%)
- Blue (91%)



- Red (66%)
- Yellow (75%)
- Blue (91%)



- Cyan (28%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (34%)
- Magenta (19%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color A8CEE9 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 A8CEE9 by changing the saturation by 10% instead.

 A8CEE9

 A8CEE9

FFFFFF

 8DB3CD

 E0FFFF

 7298B1

FDFDFD

 587E97

 3F657D

 254D64

 06364C

 002135

 000820

 000004

 A8CEE9

 A8CEE9

 91C4E9

 BFD8E9

 79BBE9

 D7E1E9

 62B1E9

 EEEBE9

 4BA7E9

 FFF5E9

 349EE9

 FFFEE9

 1C94E9

 FFFF E9

 058AE9

 0088E9

Harmonies

Analogous

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



9CD2DE



A8CEE9



BDC9EB

Triad

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



A8CEE9



EDBDC4



BDCFAE

Complementary

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



A8CEE9



E9C3A8

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.



D1CAA7



A8CEE9



ECBFB3

Square

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



A8CEE9



E5BED5



E2C4A9



AAD2BC

Rectangle

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



A8CEE9



CCC5E7



E2C4A9



C4CDAB

Sweetspot

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



A8CEE9



EBF7FF



A8E9C2



737A80



000000



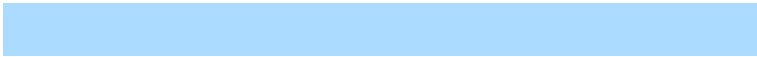
808080

Same Dimension

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



A8CEE9



ABDCFF



A8AEE9



6A7075



006AB5



001F36

Inverse Universe

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



E9A8CE



FFABDC



E9E3A8



756A70



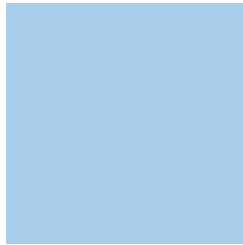
B5006A



36001F

Previews

White Background



This preview shows how the Hex color A8CEE9 looks on a white background.

Color Contrast Check

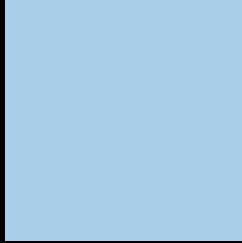
Large Text (above 18pt) WCAG AA × Fail

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 A8CEE9 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

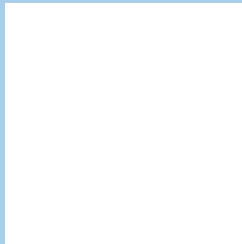
Any Text WCAG AAA ✓ Pass

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

Hex A8CEE9 Background



This preview shows how black text looks on a background with the Hex color A8CEE9.

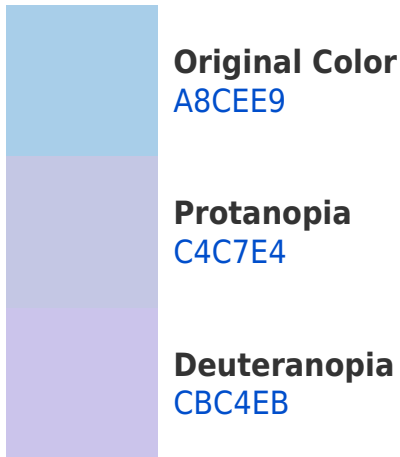


This preview shows how white text looks on a background with the Hex color A8CEE9.

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](#).

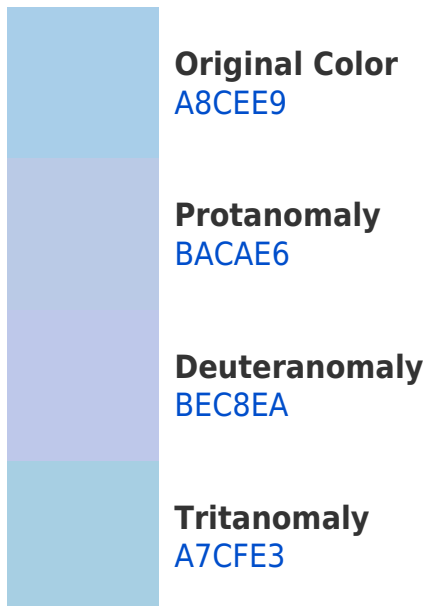
Dichromacy



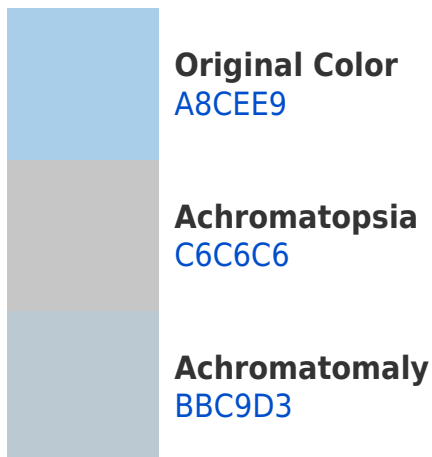


Tritanopia
A6CFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A8CEE9 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 #A8CEE9 looks like.

```
.text, #text, p{  
    color:#A8CEE9  
}
```

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 #A8CEE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8CEE9
}
```

Border

The CSS property to change the border of an element to Hex A8CEE9 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
#A8CEE9 }
```

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

```
.border{ border-color:#A8CEE9 }
```

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

Here you see how a box with a 4 pixel #A8CEE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8CEE9; -webkit-box-shadow:4px 4px  
4px 4px #A8CEE9; box-shadow:4px 4px 4px  
4px #A8CEE9 }
```

Background

The CSS property to change the background color of an element to Hex A8CEE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8CEE9 }
```

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

```
.background{ background-color:#A8CEE9 }
```

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