

Converting Colors

Hex(A8C4E2)

Have a look what the booklet for
Hex(A8C4E2) contains.

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Color

Hex(A8C4E2)

Conversions

Conversions Part 1

Format	Color
Hex	A8C4E2
RGB	168, 196, 226
RGB Percent	66%, 77%, 89%
CMY	0.3412, 0.2314, 0.1137
CMYK	0.26, 0.13, 0.00, 0.11
HSL	211°, 50%, 77%
HSV	211°, 26%, 89%
XYZ	49.6158, 53.2957, 79.6236
YIQ	191.0480, -26.3180, 3.3940

Conversions

Conversions Part 2

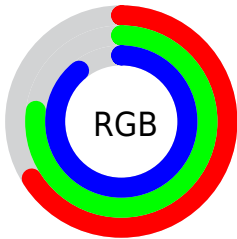
Format	Color
R _Y B	168, 187, 226
Decimal	11060450
CIE Lab	78.05, -2.79, -18.03
CIE LCh	78, 18.248, 261.194
Yxy	53.2957, 0.2718, 0.2920
Android (android.graphics.Color)	4289250530 (0xFFA8C4E2)
YUV	191.0480, 17.2313, -20.2131
Hunter-Lab	73.0039, -6.4423, -13.5634

Details

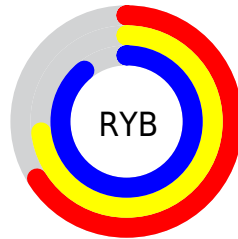
The Hex color **A8C4E2** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E2C6A8**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **E0FDFF**, and **738EAB** is the 20% darker color. If you saturate the color by 10%, you get **91B8E2**, and if you desaturate by 10%, it is **BFD0E2**.

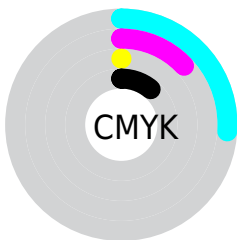
Distribution



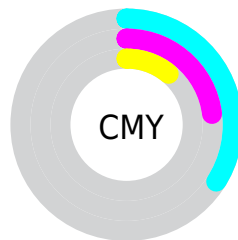
- Red (66%)
- Green (77%)
- Blue (89%)



- Red (66%)
- Yellow (73%)
- Blue (89%)



- Cyan (26%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (34%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color A8C4E2 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 A8C4E2 by changing the saturation by 10% instead.

 A8C4E2

 A8C4E2

FFFFFF

 8DA9C6

 E0FDFD

 738EAB

FDFDFF

 597590

 405C76

 28455E

 0D2F46


 001A2F

 00011B

 000000

 A8C4E2

 A8C4E2

 91B8E2

 BFD0E2

 7BADE2

 D5DBE2

 64A1E2

 ECE7E2

 4E95E2

 FFF3E2

 378AE2

 FFFEE2

 207EE2

 FFFF2E2

 0A72E2

 006DE2

Harmonies

Analogous

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



98C8DB



A8C4E2



BEBEE0

Triad

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



A8C4E2



E5B6B5



AEC8AB

Complementary

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



A8C4E2



E2C6A8

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.



C1C4A1



A8C4E2



E0B9A7

Square

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



A8C4E2



E0B6C7



D3BEA0



9DCBBB

Rectangle

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



A8C4E2



CCBBDB



D3BEA0



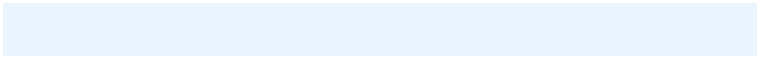
B4C7A7

Sweetspot

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



A8C4E2



EBF4FF



A8E2C6



737980



000000



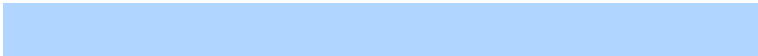
808080

Same Dimension

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



A8C4E2



B0D6FF



A9A8E2



656A70



0055B0



001730

Inverse Universe

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



E2A8C4



FFB0D6



E1E2A8



70656A



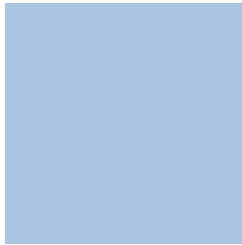
B00055



300017

Previews

White Background



This preview shows how the Hex color A8C4E2 looks on a white background.

Color Contrast Check

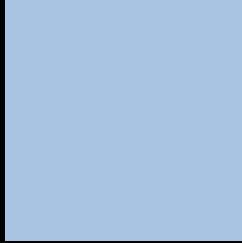
Large Text (above 18pt) WCAG AA × Fail

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 A8C4E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

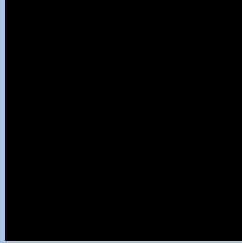
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

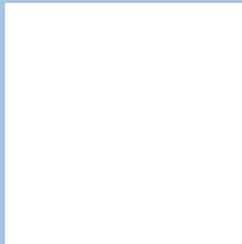
Any Text WCAG AAA ✓ Pass

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

Hex A8C4E2 Background



This preview shows how black text looks on a background with the Hex color A8C4E2.

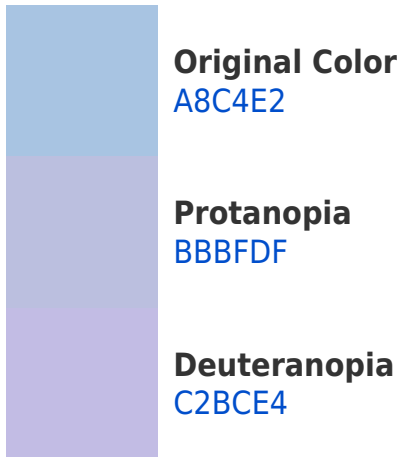


This preview shows how white text looks on a background with the Hex color A8C4E2.

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](#).

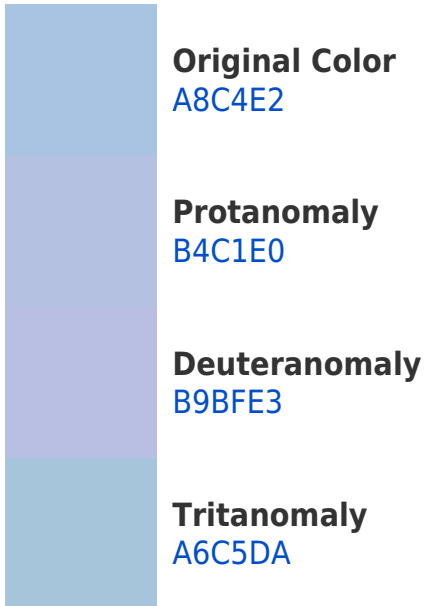
Dichromacy



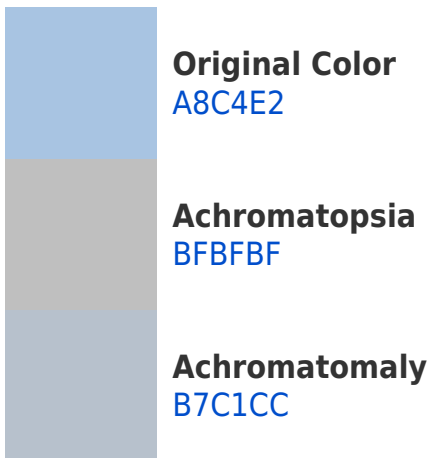


Tritanopia
A5C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A8C4E2 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 #A8C4E2 looks like.

```
.text, #text, p{  
    color:#A8C4E2  
}
```

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 #A8C4E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8C4E2
}
```

Border

The CSS property to change the border of an element to Hex A8C4E2 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
#A8C4E2 }
```

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

```
.border{ border-color:#A8C4E2 }
```

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

Here you see how a box with a 4 pixel #A8C4E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8C4E2; -webkit-box-shadow:4px 4px  
4px 4px #A8C4E2; box-shadow:4px 4px 4px  
4px #A8C4E2 }
```

Background

The CSS property to change the background color of an element to Hex A8C4E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8C4E2 }
```

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

```
.background{ background-color:#A8C4E2 }
```

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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