

# Converting Colors

Hex(A8D8E2)

Have a look what the booklet for  
Hex(A8D8E2) contains.

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# **Color**

**Hex(A8D8E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8D8E2
RGB	168, 216, 226
RGB Percent	66%, 85%, 89%
CMY	0.3412, 0.1529, 0.1137
CMYK	0.26, 0.04, 0.00, 0.11
HSL	190°, 50%, 77%
HSV	190°, 26%, 89%
XYZ	54.4318, 62.9276, 81.2289
YIQ	202.7880, -31.8180, -7.0660

# Conversions

## Conversions Part 2

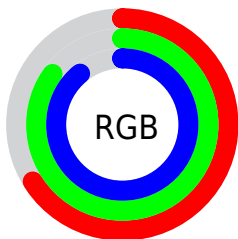
Format	Color
R <sub>YB</sub>	168, 194, 226
Decimal	11065570
CIE Lab	83.40, -13.25, -10.00
CIE LCh	83, 16.602, 217.052
Yxy	62.9276, 0.2741, 0.3169
Android (android.graphics.Color)	4289255650 (0xFFA8D8E2)
YUV	202.7880, 11.4435, -30.5091
Hunter-Lab	79.3269, -16.3406, -5.1828

# Details

The Hex color **A8D8E2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E2B2A8**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E0FFFF**, and **72A1AB** is the 20% darker color. If you saturate the color by 10%, you get **91D4E2**, and if you desaturate by 10%, it is **BFDCE2**.

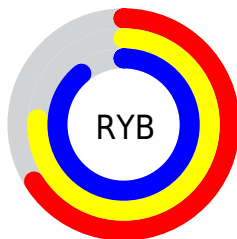
# Distribution



Red (66%)

Green (85%)

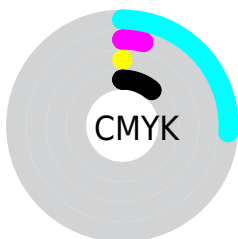
Blue (89%)



Red (66%)

Yellow (76%)

Blue (89%)

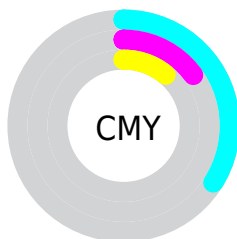


Cyan (26%)

Magenta (4%)

Yellow (0%)

Black (11%)



Cyan (34%)

Magenta (15%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8D8E2 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 A8D8E2 by changing the saturation by 10% instead.



 A8D8E2

 A8D8E2

FFFFFF

 8DBCC6

 E0FFFF

 72A1AB

FDFDFD

 588790

 3F6E77

 26555E

 073E46


 002830

 00141B

 000000

 A8D8E2

 A8D8E2

 91D4E2

 BFDCE2

 7BD0E2

 D5E0E2

 64CCE2

 ECE4E2

 4EC8E2

 FFE8E2

 37C5E2

 FFEBE2

 20C1E2

 FFEFE2

 0ABDE2

 FFF3E2

 00BBE2

 FFF7E2

 FFFBE2

# Harmonies

## Analogous

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



AAD9D3



A8D8E2



B2D5EC

# Triad

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



A8D8E2



E8C7DC



D9D0B1

# Complementary

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



A8D8E2



E2B2A8

# 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.



E7CBB4



A8D8E2



F0C5CD

# Square

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



A8D8E2



D7CBE9



F0C7BE



C7D5B7

# Rectangle

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



A8D8E2



BDD2EF



F0C7BE



DECEB1

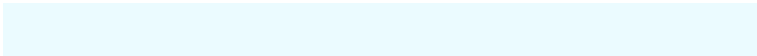


# Sweetspot

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



A8D8E2



EBFBFF



A8E2B2



737D80



000000



808080

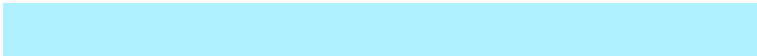


# Same Dimension

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



A8D8E2



B0F1FF



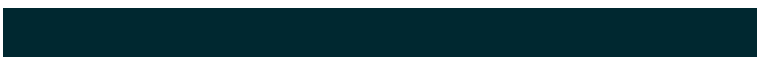
A8BBE2



656E70



0092B0



002830



# Inverse Universe

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



E2A8D8



FFB0F1



E2CFA8



70656E



B00092

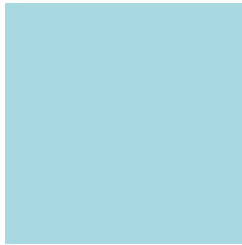


300028



# Previews

## White Background



This preview shows how the Hex color A8D8E2 looks on a white background.

## Color Contrast Check

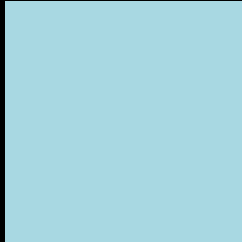
Large Text (above 18pt) WCAG AA × Fail

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 A8D8E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

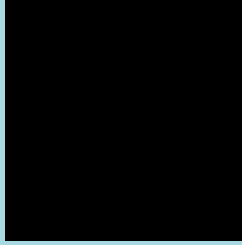
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A8D8E2 Background



This preview shows how black text looks on a background with the Hex color A8D8E2.

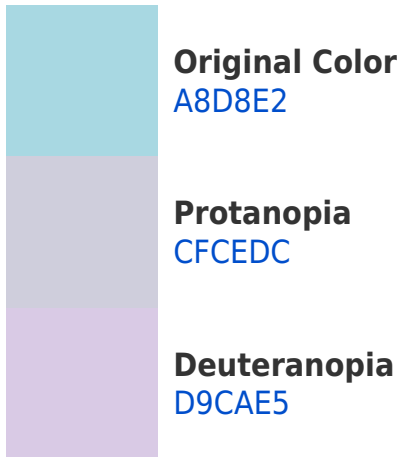


This preview shows how white text looks on a background with the Hex color A8D8E2.

# 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](#).

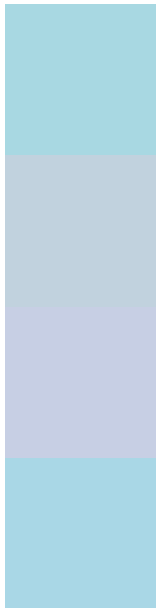
## Dichromacy





**Tritanopia**  
A9D7E8

# Trichromacy



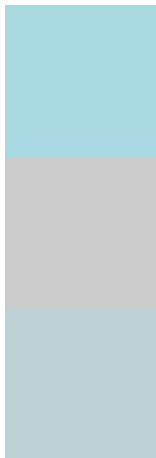
**Original Color**  
A8D8E2

**Protanomaly**  
C1D2DE

**Deuteranomaly**  
C7CFE4

**Tritanomaly**  
A9D7E6

# Monochromacy



**Original Color**  
A8D8E2

**Achromatopsia**  
CBCBCB

**Achromatomaly**  
BED0D3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8D8E2 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 #A8D8E2 looks like.

```
.text, #text, p{  
    color:#A8D8E2  
}
```

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 #A8D8E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8D8E2  
}
```

## Border

The CSS property to change the border of an element to Hex A8D8E2 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  
#A8D8E2 }
```

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

```
.border{ border-color:#A8D8E2 }
```

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

Here you see how a box with a 4 pixel #A8D8E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8D8E2; -webkit-box-shadow:4px 4px  
4px 4px #A8D8E2; box-shadow:4px 4px 4px  
4px #A8D8E2 }
```

# Background

The CSS property to change the background color of an element to Hex A8D8E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8D8E2 }
```

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

```
.background{ background-color:#A8D8E2 }
```

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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