

# Converting Colors

Hex(A8D6DE)

Have a look what the booklet for  
Hex(A8D6DE) contains.

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# **Color**

**Hex(A8D6DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8D6DE
RGB	168, 214, 222
RGB Percent	66%, 84%, 87%
CMY	0.3412, 0.1608, 0.1294
CMYK	0.24, 0.04, 0.00, 0.13
HSL	189°, 45%, 76%
HSV	189°, 24%, 87%
XYZ	53.3798, 61.6919, 78.2016
YIQ	201.1580, -29.9840, -7.2640

# Conversions

## Conversions Part 2

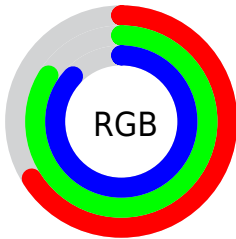
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 193, 222
Decimal	11065054
CIELab	82.75, -13.12, -8.85
CIELCh	83, 15.825, 214.005
Yxy	61.6919, 0.2762, 0.3192
Android (android.graphics.Color)	4289255134 (0xFFA8D6DE)
YUV	201.1580, 10.2751, -29.0796
Hunter-Lab	78.5442, -16.1410, -4.0504

# Details

The Hex color **A8D6DE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DEB0A8**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **E0FFFF**, and **739FA7** is the 20% darker color. If you saturate the color by 10%, you get **92D3DE**, and if you desaturate by 10%, it is **BED9DE**.

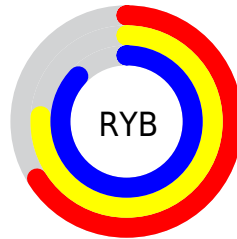
# Distribution



Red (66%)

Green (84%)

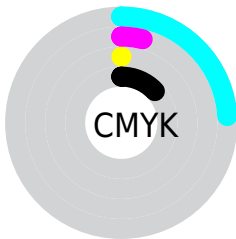
Blue (87%)



Red (66%)

Yellow (76%)

Blue (87%)

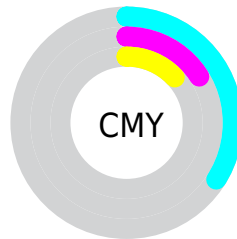


Cyan (24%)

Magenta (4%)

Yellow (0%)

Black (13%)



Cyan (34%)

Magenta (16%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8D6DE 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 A8D6DE by changing the saturation by 10% instead.



 A8D6DE

 A8D6DE

FFFFFF

 8DBAC2

 E0FFFF

 739FA7

FDFDFD

 59858D

 406C73

 27535B

 0A3C43

 00262D

 001218

 000000

 A8D6DE

 A8D6DE

 92D3DE

 BED9DE

 7CCFDE

 D4DDDE

 65CCDE

 EBE0DE

 4FC9DE

 FFE3DE

 39C6DE

 FFE6DE

 23C2DE

 FFEADE

 0DBFDE

 FFEDDE

 00BDDE

 FFF0DE

 FFF4DE

# Harmonies

## Analogous

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



ABD7CF



A8D6DE



B0D3E8

# Triad

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



A8D6DE



E3C6DB



D8CEB0

# Complementary

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



A8D6DE



DEB0A8

# 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.



E6C9B4



A8D6DE



ECC4CC

# Square

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



A8D6DE



D3CAE7



EDC5BE



C7D2B5

# Rectangle

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



A8D6DE



BAD0EB



EDC5BE



DDCCB1

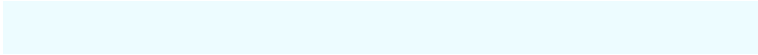


# Sweetspot

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



A8D6DE



EDFCFF



A8DEAF



757E80



000000



808080

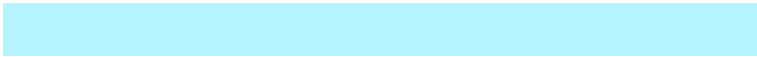


# Same Dimension

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



A8D6DE



B5F4FF



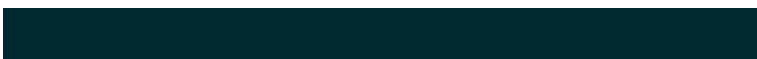
A8BCDE



656F70



0096B0



002930



# Inverse Universe

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



DEA8D6



FFB5F4



DECAA8



70656F



B00096

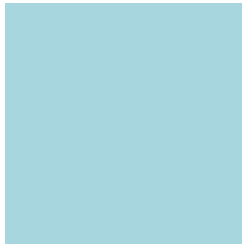


300029



# Previews

## White Background



This preview shows how the Hex color A8D6DE looks on a white background.

## Color Contrast Check

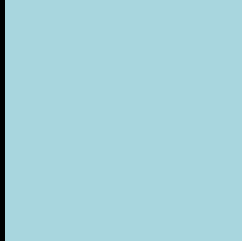
Large Text (above 18pt) WCAG AA × Fail

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 A8D6DE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

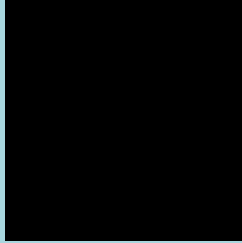
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

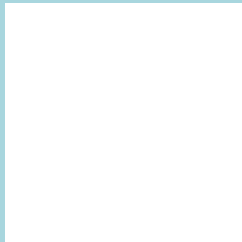
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A8D6DE Background



This preview shows how black text looks on a background with the Hex color A8D6DE.

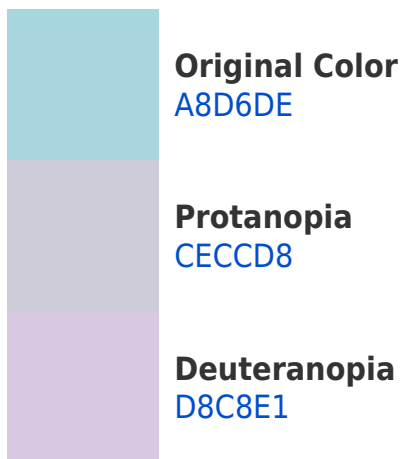


This preview shows how white text looks on a background with the Hex color A8D6DE.

# 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



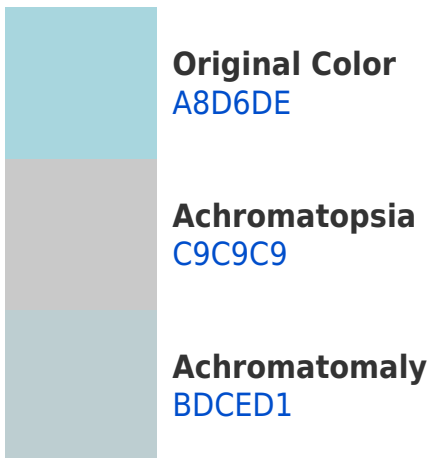


**Tritanopia**  
AAD5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8D6DE 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 #A8D6DE looks like.

```
.text, #text, p{  
    color:#A8D6DE  
}
```

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 #A8D6DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8D6DE
}
```

## Border

The CSS property to change the border of an element to Hex A8D6DE 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
#A8D6DE }
```

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

```
.border{ border-color:#A8D6DE }
```

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

Here you see how a box with a 4 pixel #A8D6DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8D6DE; -webkit-box-shadow:4px 4px  
4px 4px #A8D6DE; box-shadow:4px 4px 4px  
4px #A8D6DE }
```

# Background

The CSS property to change the background color of an element to Hex A8D6DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8D6DE }
```

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

```
.background{ background-color:#A8D6DE }
```

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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