

Converting Colors

Hex(9AD7EC)

Have a look what the booklet for
Hex(9AD7EC) contains.

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Color

Hex(9AD7EC)

Conversions

Conversions Part 1

Format	Color
Hex	9AD7EC
RGB	154, 215, 236
RGB Percent	60%, 84%, 93%
CMY	0.3961, 0.1569, 0.0745
CMYK	0.35, 0.09, 0.00, 0.07
HSL	195°, 68%, 76%
HSV	195°, 35%, 93%
XYZ	52.7672, 61.5270, 88.4517
YIQ	199.1550, -43.0970, -6.4010

Conversions

Conversions Part 2

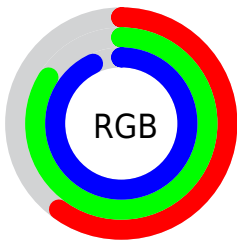
Format	Color
RYB	154, 189, 236
Decimal	10147820
CIELab	82.66, -14.32, -16.51
CIELCh	83, 21.857, 229.053
Yxy	61.5270, 0.2603, 0.3035
Android (android.graphics.Color)	4288337900 (0xFF9AD7EC)
YUV	199.1550, 18.1646, -39.6009
Hunter-Lab	78.4392, -17.1890, -11.9507

Details

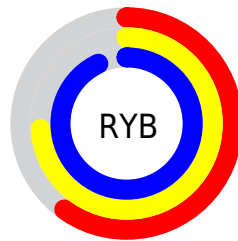
The Hex color **9AD7EC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **ECAF9A**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D3FFFF**, and **63A0B4** is the 20% darker color. If you saturate the color by 10%, you get **82D1EC**, and if you desaturate by 10%, it is **B2DDEC**.

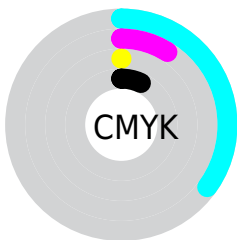
Distribution



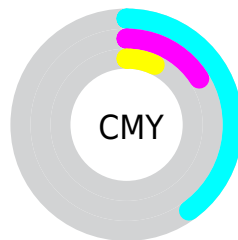
- Red (60%)
- Green (84%)
- Blue (93%)



- Red (60%)
- Yellow (74%)
- Blue (93%)



- Cyan (35%)
- Magenta (9%)
- Yellow (0%)
- Black (7%)



- Cyan (40%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AD7EC 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 9AD7EC by changing the saturation by 10% instead.

■ 9AD7EC

FFFFFF

■ D3FFFF

■ F0FFFF

■ 9AD7EC

■ 7EBBD0

■ 63A0B4

■ 488699

■ 2C6D7F

■ 065466

■ 003D4E

■ 002737

■ 001222

■ 000009

9AD7EC

9AD7EC

82D1EC

B2DDEC

6BCBEC

C9E3EC

53C5EC

E1E9EC

3CBFEC

F8EFEC

24B9EC

FFF5EC

0CB3EC

FFFBEC

00B0EC

FFFFEC

Harmonies

Analogous

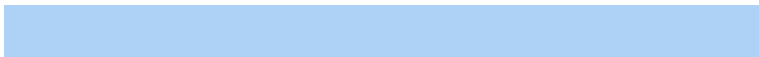
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97DADA



9AD7EC



ADD2F6

Triad

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



9AD7EC



F2C0D6



D0D1A7

Complementary

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



9AD7EC



ECAF9A

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.



E5CAA6



9AD7EC



F9C0C1

Square

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



9AD7EC



E1C4E9



F4C3B0



B8D6B2

Rectangle

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



9AD7EC



BECD66



F4C3B0



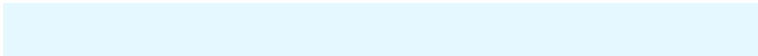
D7CEA5

Sweetspot

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



9AD7EC



E6F8FF



9AECAE



707C80



000000



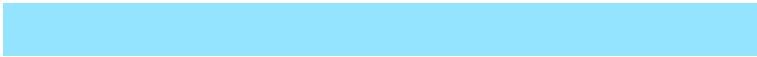
808080

Same Dimension

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



9AD7EC



94E4FF



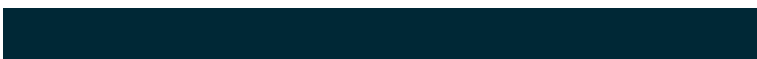
9AAEEC



6A7275



0087B5



002836

Inverse Universe

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



EC9AD7



FF94E4



ECD89A



756A72



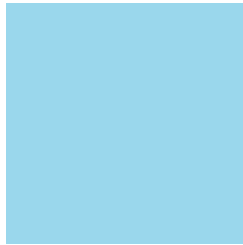
B50087



360028

Previews

White Background



This preview shows how the Hex color 9AD7EC looks on a white background.

Color Contrast Check

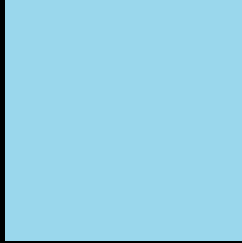
Large Text (above 18pt) WCAG AA × Fail

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 9AD7EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

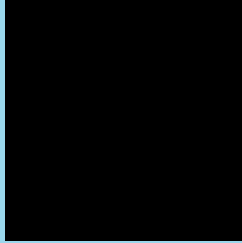
Any Text WCAG AA ✓ Pass

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 9AD7EC Background



This preview shows how black text looks on a background with the Hex color 9AD7EC.

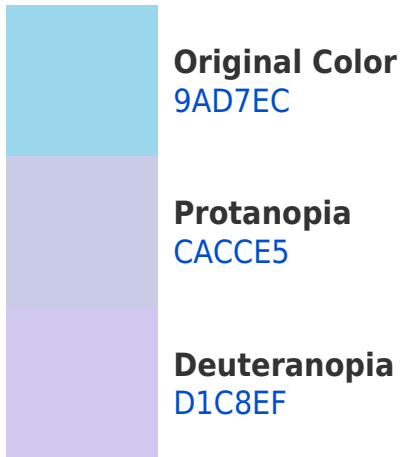


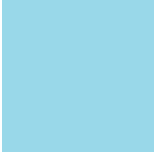
This preview shows how white text looks on a background with the Hex color 9AD7EC.

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](#).

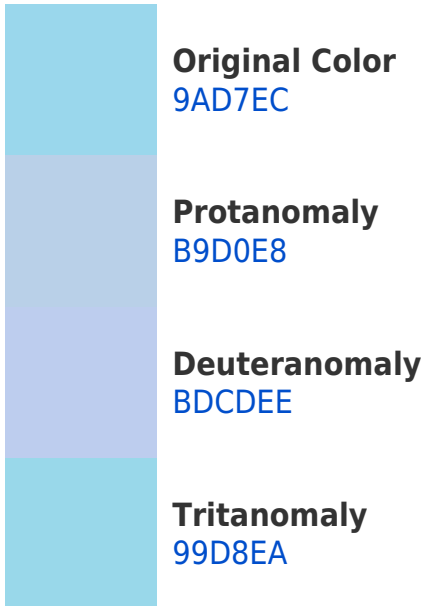
Dichromacy



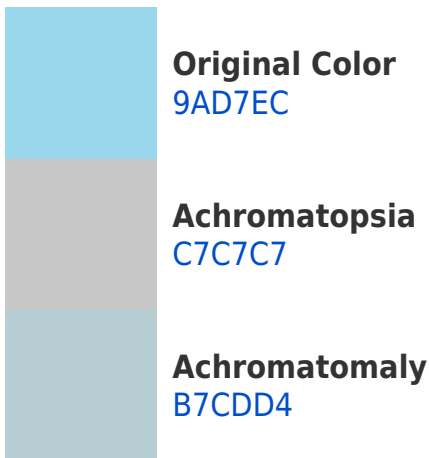


Tritanopia
99D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AD7EC 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 #9AD7EC looks like.

```
.text, #text, p{  
    color:#9AD7EC  
}
```

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 #9AD7EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AD7EC  
}
```

Border

The CSS property to change the border of an element to Hex 9AD7EC 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  
#9AD7EC }
```

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

```
.border{ border-color:#9AD7EC }
```

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

Here you see how a box with a 4 pixel #9AD7EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AD7EC; -webkit-box-shadow:4px 4px  
4px 4px #9AD7EC; box-shadow:4px 4px 4px  
4px #9AD7EC }
```

Background

The CSS property to change the background color of an element to Hex 9AD7EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AD7EC }
```

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

```
.background{ background-color:#9AD7EC }
```

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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