

Converting Colors

Hex(9AD3EC)

Have a look what the booklet for
Hex(9AD3EC) contains.

Hex(9AD3EC)	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(9AD3EC)

Conversions

Conversions Part 1

Format	Color
Hex	9AD3EC
RGB	154, 211, 236
RGB Percent	60%, 83%, 93%
CMY	0.3961, 0.1725, 0.0745
CMYK	0.35, 0.11, 0.00, 0.07
HSL	198°, 68%, 76%
HSV	198°, 35%, 93%
XYZ	51.7610, 59.5147, 88.1163
YIQ	196.8070, -41.9970, -4.3090

Conversions

Conversions Part 2

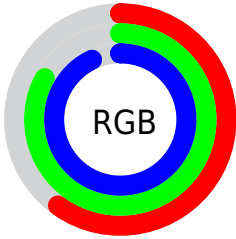
Format	Color
RYB	154, 188, 236
Decimal	10146796
CIELab	81.57, -12.26, -18.15
CIElCh	82, 21.904, 235.948
Yxy	59.5147, 0.2596, 0.2985
Android (android.graphics.Color)	4288336876 (0xFF9AD3EC)
YUV	196.8070, 19.3221, -37.5417
Hunter-Lab	77.1458, -15.2404, -13.7193

Details

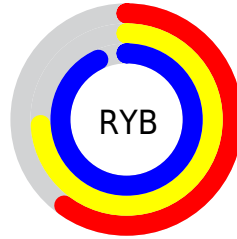
The Hex color **9AD3EC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **ECB39A**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D3FFFF**, and **639CB4** is the 20% darker color. If you saturate the color by 10%, you get **82CCEC**, and if you desaturate by 10%, it is **B2DAEC**.

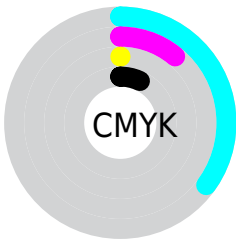
Distribution



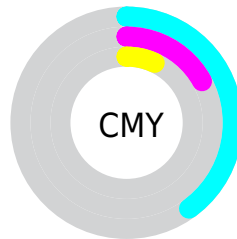
- Red (60%)
- Green (83%)
- Blue (93%)



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



- Cyan (35%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



- Cyan (40%)
- Magenta (17%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AD3EC 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 9AD3EC by changing the saturation by 10% instead.

 9AD3EC

 9AD3EC

FFFFFF

 7FB7D0

 D3FFFF

 639CB4

 F0FFFF

 488299

 2C697F

 085166

 003A4E

 002437

 000D22

 000009

■ 9AD3EC

■ 9AD3EC

■ 82CCEC

■ B2DAEC

■ 6BC5EC

■ C9E1EC

■ 53BDEC

■ E1E9EC

■ 3CB6EC

■ F8F0EC

■ 24AFEC

■ FFF7EC

■ 0CA8EC

■ FFFEEC

■ 00A4EC

■ FFFFEC

Harmonies

Analogous

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



93D6DC



9AD3EC



B0CDF3

Triad

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



9AD3EC



F2BDCE



C7CFA6

Complementary

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



9AD3EC



ECB39A

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.



DDC8A2



9AD3EC



F5BDBA

Square

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



9AD3EC



E3C0E2



EEC2A9



B0D4B3

Rectangle

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



9AD3EC



C2C9F2



EEC2A9



CFCDA3

Sweetspot

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



9AD3EC



E6F7FF



9AECB3



707B80



000000



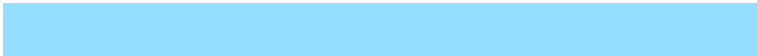
808080

Same Dimension

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



9AD3EC



94DEFF



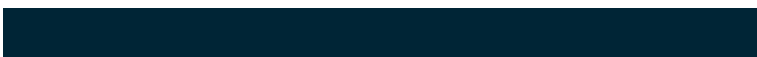
9AAAEC



6A7275



007EB5



002536

Inverse Universe

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



EC9AD3



FF94DE



ECDC9A



756A72



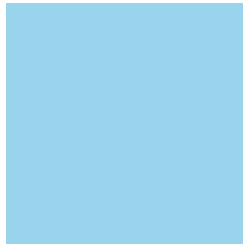
B5007E



360025

Previews

White Background



This preview shows how the Hex color 9AD3EC looks on a white background.

Color Contrast Check

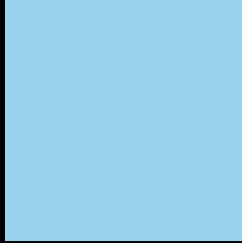
Large Text (above 18pt) WCAG AA × Fail

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 9AD3EC 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 9AD3EC Background



This preview shows how black text looks on a background with the Hex color 9AD3EC.

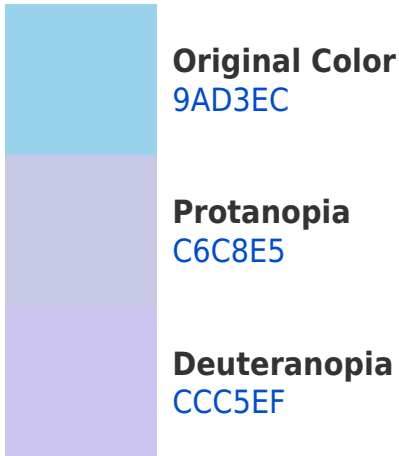


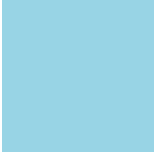
This preview shows how white text looks on a background with the Hex color 9AD3EC.

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](#).

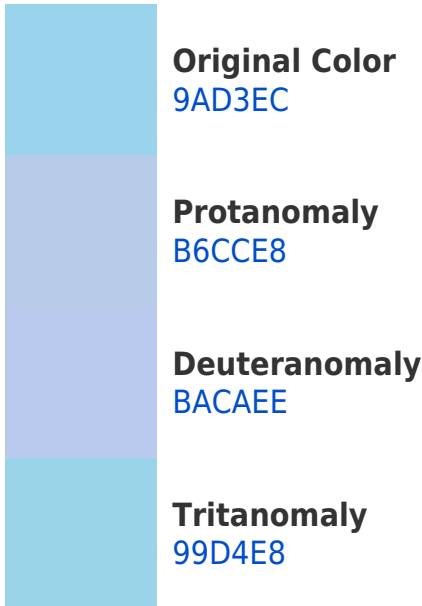
Dichromacy



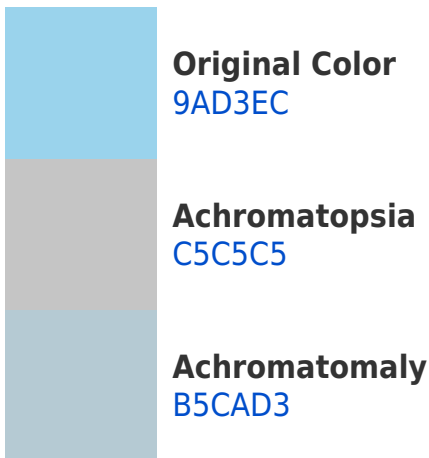


Tritanopia
98D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AD3EC 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 #9AD3EC looks like.

```
.text, #text, p{  
    color:#9AD3EC  
}
```

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 #9AD3EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AD3EC  
}
```

Border

The CSS property to change the border of an element to Hex 9AD3EC 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  
#9AD3EC }
```

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

```
.border{ border-color:#9AD3EC }
```

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

Here you see how a box with a 4 pixel #9AD3EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AD3EC; -webkit-box-shadow:4px 4px  
4px 4px #9AD3EC; box-shadow:4px 4px 4px  
4px #9AD3EC }
```

Background

The CSS property to change the background color of an element to Hex 9AD3EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AD3EC }
```

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

```
.background{ background-color:#9AD3EC }
```

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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