

Converting Colors

Hex(9AC7E3)

Have a look what the booklet for
Hex(9AC7E3) contains.

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Color

Hex(9AC7E3)

Conversions

Conversions Part 1

Format	Color
Hex	9AC7E3
RGB	154, 199, 227
RGB Percent	60%, 78%, 89%
CMY	0.3961, 0.2196, 0.1098
CMYK	0.32, 0.12, 0.00, 0.11
HSL	203°, 57%, 75%
HSV	203°, 32%, 89%
XYZ	47.6150, 53.2629, 80.4442
YIQ	188.7370, -35.8080, -0.8320

Conversions

Conversions Part 2

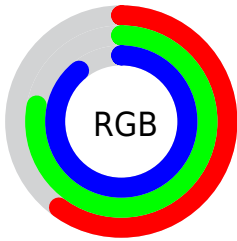
Format	Color
RYB	154, 182, 227
Decimal	10143715
CIELab	78.03, -8.20, -18.68
CIELCh	78, 20.402, 246.312
Yxy	53.2629, 0.2626, 0.2937
Android (android.graphics.Color)	4288333795 (0xFF9AC7E3)
YUV	188.7370, 18.8637, -30.4643
Hunter-Lab	72.9815, -11.2595, -14.2657

Details

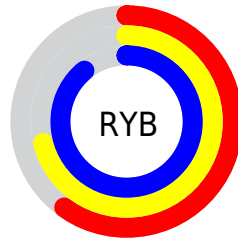
The Hex color **9AC7E3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E3B69A**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **D2FFFF**, and **6491AC** is the 20% darker color. If you saturate the color by 10%, you get **83BEE3**, and if you desaturate by 10%, it is **B1D0E3**.

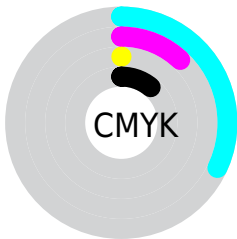
Distribution



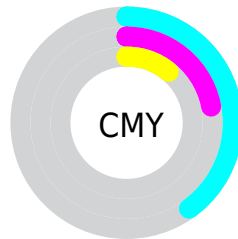
- Red (60%)
- Green (78%)
- Blue (89%)



- Red (60%)
- Yellow (71%)
- Blue (89%)



- Cyan (32%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (40%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AC7E3 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 9AC7E3 by changing the saturation by 10% instead.

■ 9AC7E3

■ 9AC7E3

FFFFFF

■ 7FACCB

■ D2FFFF

■ 6491AC

■ EFFFFFF

■ 4A7791

■ 305F77

■ 12475E

■ 003147

■ 001C30

■ 00011C

■ 000000

■ 9AC7E3

■ 9AC7E3

■ 83BEE3

■ B1D0E3

■ 6DB6E3

■ C7D8E3

■ 56ADE3

■ DEE1E3

■ 3FA4E3

■ F5EAE3

■ 299BE3

■ FFF3E3

■ 1293E3

■ FFFBE3

■ 008CE3

■ FFFF E3

Harmonies

Analogous

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



8ECBD7



9AC7E3



B1C1E6

Triad

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



9AC7E3



E8B4BE



B6C7A2

Complementary

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



9AC7E3



E3B69A

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.



CCC19B



9AC7E3



E7B6AB

Square

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



9AC7E3



DDB6D1



DDBB9F



A1CBB1

Rectangle

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



9AC7E3



C1BDE3



DDBB9F



BEC59F

Sweetspot

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



9AC7E3



E6F5FF



9AE3B6



707A80



000000



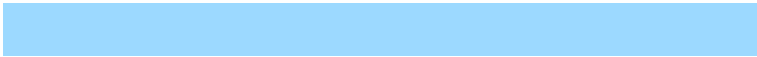
808080

Same Dimension

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



9AC7E3



9CD9FF



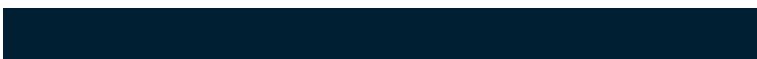
9AA3E3



676E73



006EB3



001F33

Inverse Universe

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



E39AC7



FF9CD9



E3DA9A



73676E



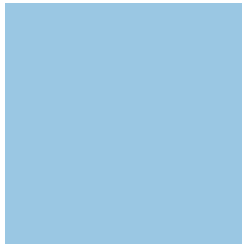
B3006E



33001F

Previews

White Background



This preview shows how the Hex color 9AC7E3 looks on a white background.

Color Contrast Check

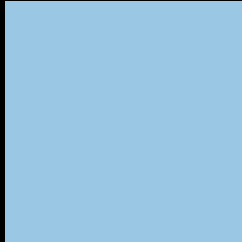
Large Text (above 18pt) WCAG AA × Fail

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 9AC7E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

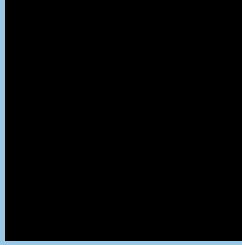
Any Text WCAG AA ✓ Pass

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 9AC7E3 Background



This preview shows how black text looks on a background with the Hex color 9AC7E3.

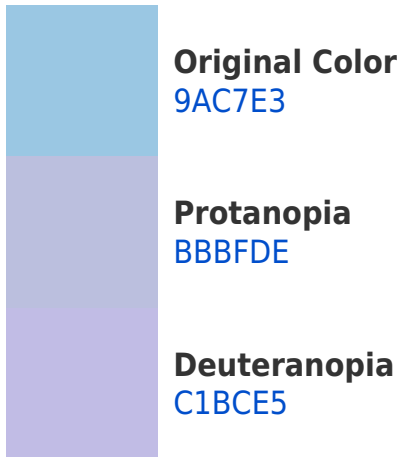


This preview shows how white text looks on a background with the Hex color 9AC7E3.

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](#).

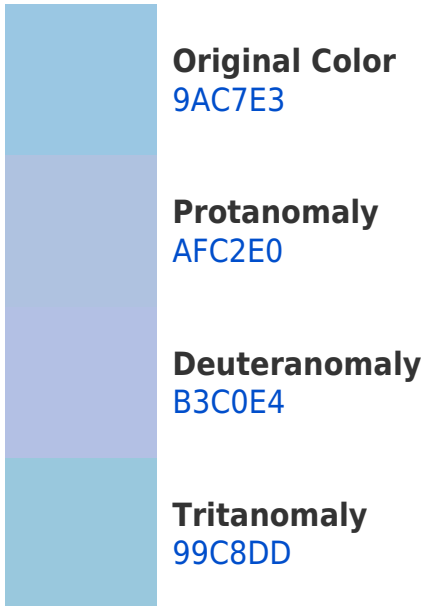
Dichromacy



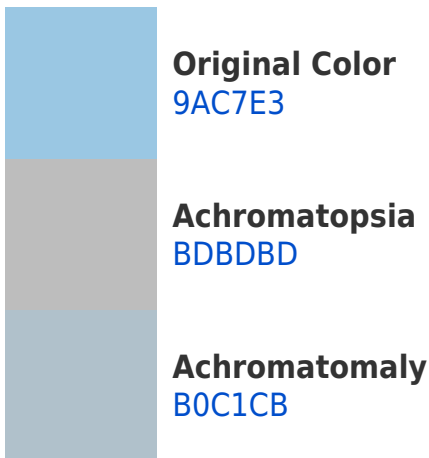


Tritanopia
98C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AC7E3 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 #9AC7E3 looks like.

```
.text, #text, p{  
    color:#9AC7E3  
}
```

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 #9AC7E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AC7E3
}
```

Border

The CSS property to change the border of an element to Hex 9AC7E3 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
#9AC7E3 }
```

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

```
.border{ border-color:#9AC7E3 }
```

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

Here you see how a box with a 4 pixel #9AC7E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AC7E3; -webkit-box-shadow:4px 4px  
4px 4px #9AC7E3; box-shadow:4px 4px 4px  
4px #9AC7E3 }
```

Background

The CSS property to change the background color of an element to Hex 9AC7E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AC7E3 }
```

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

```
.background{ background-color:#9AC7E3 }
```

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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