

Converting Colors

Hex(9ACAEC)

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

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Color

Hex(9ACAEC)

Conversions

Conversions Part 1

Format	Color
Hex	9ACAEC
RGB	154, 202, 236
RGB Percent	60%, 79%, 93%
CMY	0.3961, 0.2078, 0.0745
CMYK	0.35, 0.14, 0.00, 0.07
HSL	205°, 68%, 76%
HSV	205°, 35%, 93%
XYZ	49.5873, 55.1672, 87.3917
YIQ	191.5240, -39.5220, 0.3980

Conversions

Conversions Part 2

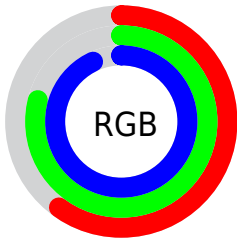
Format	Color
RYB	154, 184, 236
Decimal	10144492
CIELab	79.14, -7.56, -21.84
CIELCh	79, 23.108, 250.899
Yxy	55.1672, 0.2581, 0.2871
Android (android.graphics.Color)	4288334572 (0xFF9ACAEC)
YUV	191.5240, 21.9267, -32.9085
Hunter-Lab	74.2746, -10.8103, -17.7685

Details

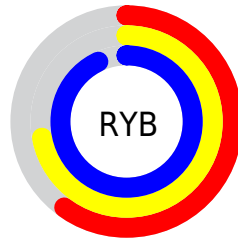
The Hex color **9ACAEC** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **ECBC9A**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **D2FFFF**, and **6494B4** is the 20% darker color. If you saturate the color by 10%, you get **82C0EC**, and if you desaturate by 10%, it is **B2D4EC**.

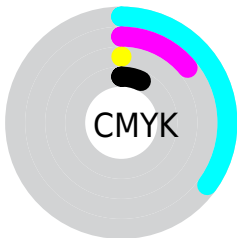
Distribution



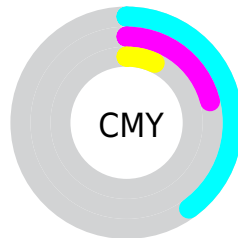
- Red (60%)
- Green (79%)
- Blue (93%)



- Red (60%)
- Yellow (72%)
- Blue (93%)



- Cyan (35%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (40%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 9ACAEC

 9ACAEC

FFFFFF

 7FAFD0

 D2FFFF

 6494B4

 EFFFFFF

 497A99

 2D617F

 0B4A66

 00334E

 001E37

 000222

 000008

■ 9ACAEC

■ 9ACAEC

■ 82C0EC

■ B2D4EC

■ 6BB6EC

■ C9DEEC

■ 53ADEC

■ E1E7EC

■ 3CA3EC

■ F8F1EC

■ 2499EC

■ FFFBEC

■ 0C8FEC

■ FFFFEC

■ 008AEC

Harmonies

Analogous

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



8ACDFD



9ACAEC



B5C3EE

Triad

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



9ACAEC



F0B5BD



B4CBA3

Complementary

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



9ACAEC



ECBC9A

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.



CCC59A



9ACAEC



EEB8A9

Square

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



9ACAEC



E6B6D3



E1BE9C



9CCFB5

Rectangle

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



9ACAEC



C9BEE9



E1BE9C



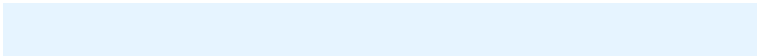
BCC99F

Sweetspot

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



9ACAEC



E6F4FF



9AECBB



707980



000000



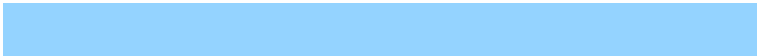
808080

Same Dimension

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



9ACAEC



94D3FF



9AA2EC



6A7075



006AB5



001F36

Inverse Universe

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



EC9ACA



FF94D3



ECE49A



756A70



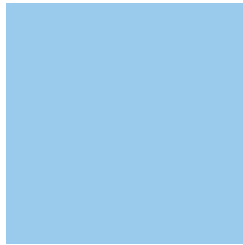
B5006A



36001F

Previews

White Background



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

Color Contrast Check

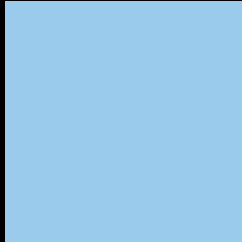
Large Text (above 18pt) WCAG AA × Fail

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 9ACAEC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

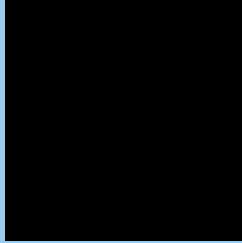
Any Text WCAG AA ✓ Pass

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 9ACAEC Background



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



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

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](#).

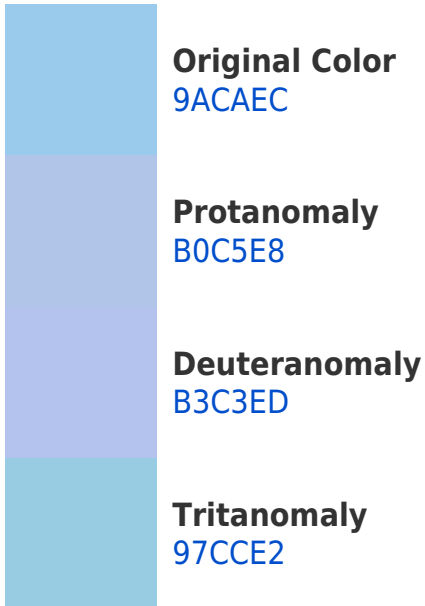
Dichromacy



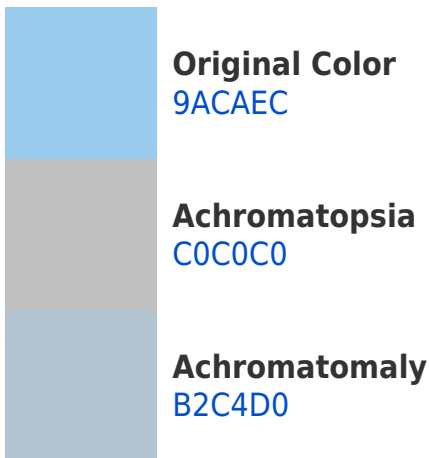


Tritanopia
96CDDD

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #9ACAEC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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