

Converting Colors

Hex(9AAAE6)

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

Hex(9AAAE)	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(9AAAEF)

Conversions

Conversions Part 1

Format	Color
Hex	9AAAE6
RGB	154, 170, 238
RGB Percent	60%, 67%, 93%
CMY	0.3961, 0.3333, 0.0667
CMYK	0.35, 0.29, 0.00, 0.07
HSL	229°, 71%, 77%
HSV	229°, 35%, 93%
XYZ	43.1338, 41.7925, 86.6823
YIQ	172.9680, -31.3640, 17.7560

Conversions

Conversions Part 2

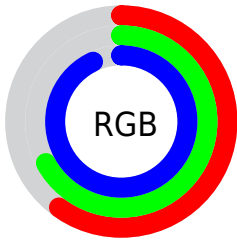
Format	Color
RYB	154, 167, 238
Decimal	10136302
CIELab	70.73, 10.41, -35.83
CIElCh	71, 37.312, 286.198
Yxy	41.7925, 0.2513, 0.2435
Android (android.graphics.Color)	4288326382 (0xFF9AAAE6)
YUV	172.9680, 32.0608, -16.6349
Hunter-Lab	64.6471, 5.9660, -34.2462

Details

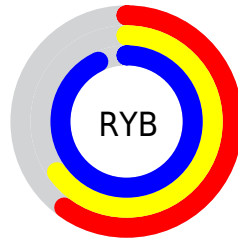
The Hex color **9AAAEE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EEDE9A**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **D2E1FF**, and **6476B6** is the 20% darker color. If you saturate the color by 10%, you get **8297EE**, and if you desaturate by 10%, it is **B2BDEE**.

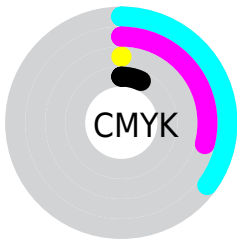
Distribution



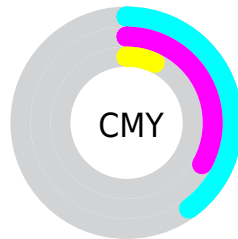
- Red (60%)
- Green (67%)
- Blue (93%)



- Red (60%)
- Yellow (65%)
- Blue (93%)



- Cyan (35%)
- Magenta (29%)
- Yellow (0%)
- Black (7%)



- Cyan (40%)
- Magenta (33%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AAAE6 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 9AAAE6 by changing the saturation by 10% instead.

■ 9AAAEE

■ 9AAAEE

FFFFFF

■ 7F90D2

■ D2E1FF

■ 6476B6

■ EFFEFF

■ 495E9B

■ 2D4680

■ 0B3067

■ 001C4F

■ 000038

■ 000221

■ 000006

■ 9AAAE

■ 9AAAE

■ 8297E

■ B2BDEE

■ 6A83E

■ CAD1E

■ 5370E

■ E1E4E

■ 3B5DEE

■ F9F7E

■ 234AE

■ FFFFE

■ 0B36E

■ 002DEE

Harmonies

Analogous

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



61B5EE



9AAAEE



C89EDC

Triad

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



9AAAE



E89A7E



60BE9C

Complementary

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



9AAAE



EEDE9A

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.



8BB97D



9AAAEF



D1A66B

Square

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



9AAAE



F0939C



B1B16B



32BFBF

Rectangle

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



9AAAEE



DE97C9



B1B16B



6FBD91

Sweetspot

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



9AAAEE



E3E8FF



9AEEDD



6F7280



000000



808080

Same Dimension

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



9AAAEE



94A8FF



B39AEE



6C6E78



0023B8



000B38

Inverse Universe

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



EE9AAA



FF94A8



D5EE9A



786C6E



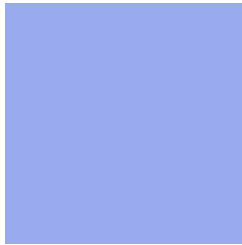
B80023



38000B

Previews

White Background



This preview shows how the Hex color 9AAAE6 looks on a white background.

Color Contrast Check

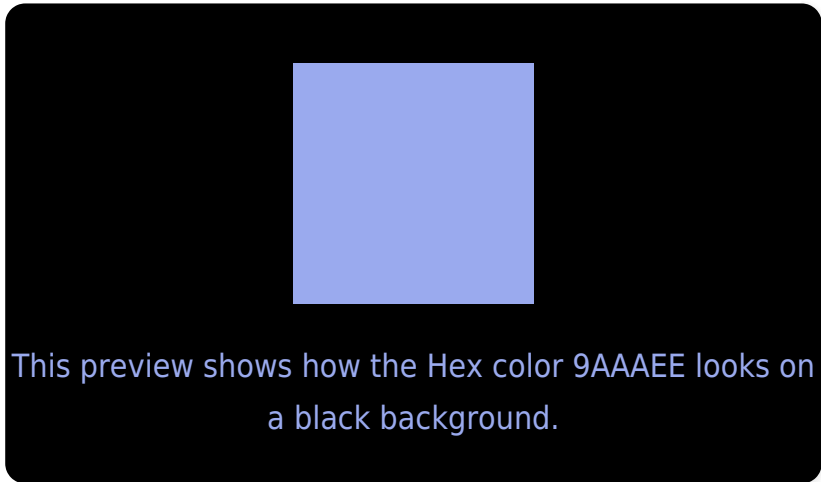
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 9AAAE E Background



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



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

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



Original Color

9AAAE6

Protanopia

98AAE6

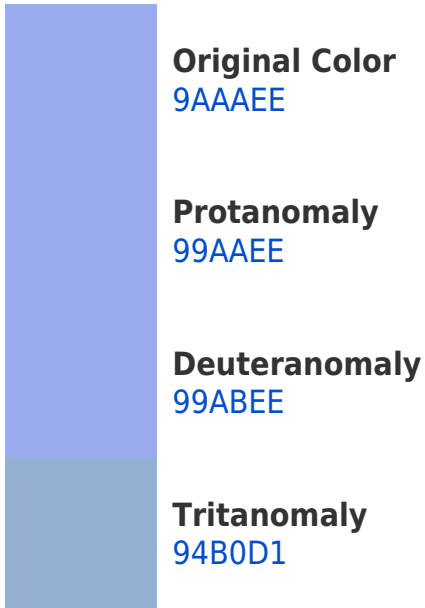
Deuteranopia

98ABE6

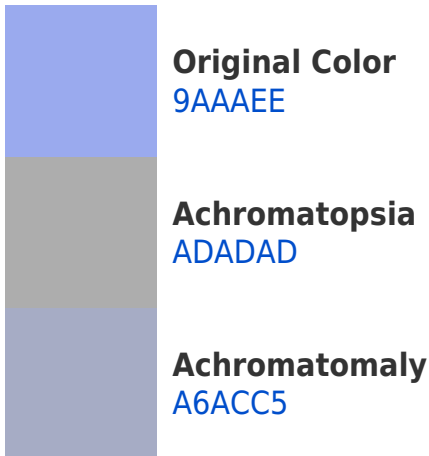


Tritanopia
90B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AAAE6 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 #9AAAE6 looks like.

```
.text, #text, p{  
    color:#9AAAE6  
}
```

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 #9AAAEF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

```
.background, #background, body{  
background:#9AAAE E }
```

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

```
.background{ background-color:#9AAAE E }
```

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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