

Converting Colors

Hex(9AA7E3)

Have a look what the booklet for
Hex(9AA7E3) contains.

Hex(9AA7E3)	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(9AA7E3)

Conversions

Conversions Part 1

Format	Color
Hex	9AA7E3
RGB	154, 167, 227
RGB Percent	60%, 65%, 89%
CMY	0.3961, 0.3451, 0.1098
CMYK	0.32, 0.26, 0.00, 0.11
HSL	229°, 57%, 75%
HSV	229°, 32%, 89%
XYZ	41.0103, 40.0535, 78.2427
YIQ	169.9530, -27.0080, 15.9040

Conversions

Conversions Part 2

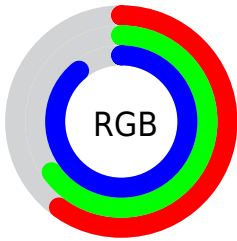
Format	Color
RYB	154, 165, 227
Decimal	10135523
CIELab	69.51, 9.26, -31.71
CIElCh	70, 33.035, 286.270
Yxy	40.0535, 0.2574, 0.2514
Android (android.graphics.Color)	4288325603 (0xFF9AA7E3)
YUV	169.9530, 28.1242, -13.9908
Hunter-Lab	63.2878, 4.9136, -28.9987

Details

The Hex color **9AA7E3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E3D69A**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **D2DEFF**, and **6573AB** is the 20% darker color. If you saturate the color by 10%, you get **8394E3**, and if you desaturate by 10%, it is **B1BAE3**.

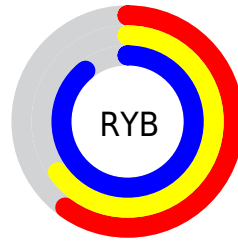
Distribution



Red (60%)

Green (65%)

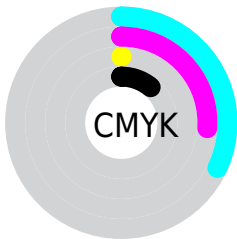
Blue (89%)



Red (60%)

Yellow (65%)

Blue (89%)

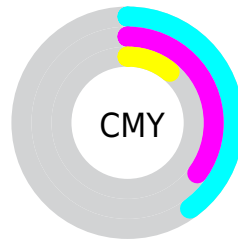


Cyan (32%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (40%)

Magenta (35%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AA7E3 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 9AA7E3 by changing the saturation by 10% instead.

■ 9AA7E3

■ 9AA7E3

FFFFFF

■ 7F8DC7

■ D2DEFF

■ 6573AB

■ EFFBFF

■ 4A5B91

■ 304377

■ 142E5E

■ 001946

■ 00002F

■ 00011A

■ 000000

■ 9AA7E3

■ 9AA7E3

■ 8394E3

■ B1BAE3

■ 6D82E3

■ C7CCE3

■ 566FE3

■ DEDFE3

■ 3F5CE3

■ F5F2E3

■ 294AE3

■ FFFFE3

■ 1237E3

■ 0028E3

Harmonies

Analogous

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



6BB1E3



9AA7E3



C29CD3

Triad

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



9AA7E3



DE9980



68B99B

Complementary

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



9AA7E3



E3D69A

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.



8CB57F



9AA7E3



CBA370

Square

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



9AA7E3



E5939A



AEAD70



48BAB9

Rectangle

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



9AA7E3



D597C2



AEAD70



74B891

Sweetspot

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



9AA7E3



E6EAFF



9AE3D6



707380



000000



808080

Same Dimension

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



9AA7E3



9CADFF



B19AE3



676973



0020B3



000933

Inverse Universe

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



E39AA7



FF9CAD



CCE39A



736769



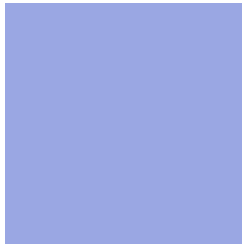
B30020



330009

Previews

White Background



This preview shows how the Hex color 9AA7E3 looks on a white background.

Color Contrast Check

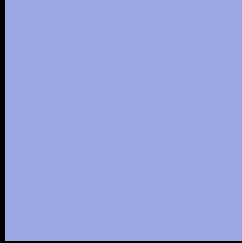
Large Text (above 18pt) WCAG AA × Fail

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 9AA7E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

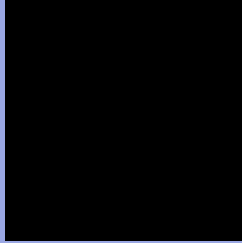
Any Text WCAG AA ✓ Pass

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 9AA7E3 Background



This preview shows how black text looks on a background with the Hex color 9AA7E3.



This preview shows how white text looks on a background with the Hex color 9AA7E3.

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
9AA7E3

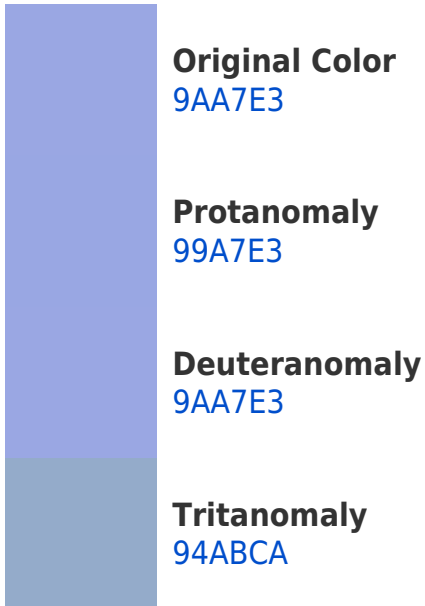
Protanopia
99A7E3

Deuteranopia
9AA7E3

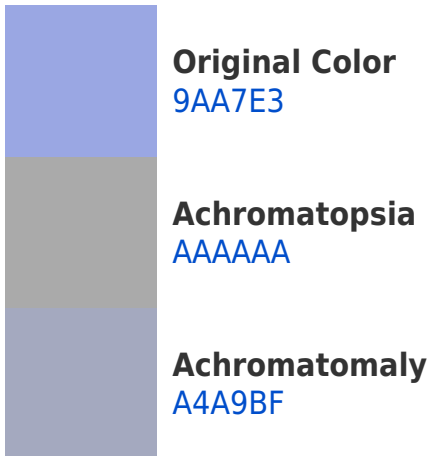


Tritanopia
91AEB3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AA7E3 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 #9AA7E3 looks like.

```
.text, #text, p{  
    color:#9AA7E3  
}
```

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 #9AA7E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA7E3
}
```

Border

The CSS property to change the border of an element to Hex 9AA7E3 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
#9AA7E3 }
```

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

```
.border{ border-color:#9AA7E3 }
```

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

Here you see how a box with a 4 pixel #9AA7E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA7E3; -webkit-box-shadow:4px 4px  
4px 4px #9AA7E3; box-shadow:4px 4px 4px  
4px #9AA7E3 }
```

Background

The CSS property to change the background color of an element to Hex 9AA7E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA7E3 }
```

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

```
.background{ background-color:#9AA7E3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor