

Converting Colors

Hex(9E99AA)

Have a look what the booklet for
Hex(9E99AA) contains.

Hex(9E99AA)	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(9E99AA)

Conversions

Conversions Part 1

Format	Color
Hex	9E99AA
RGB	158, 153, 170
RGB Percent	62%, 60%, 67%
CMY	0.3804, 0.4000, 0.3333
CMYK	0.07, 0.10, 0.00, 0.33
HSL	258°, 9%, 63%
HSV	258°, 10%, 67%
XYZ	32.7475, 32.9538, 42.6650
YIQ	156.4330, -2.4770, 6.3470

Conversions

Conversions Part 2

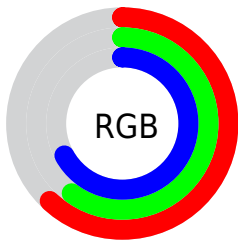
Format	Color
RYB	158, 153, 170
Decimal	10394026
CIELab	64.12, 5.16, -8.21
CIELCh	64, 9.697, 302.169
Yxy	32.9538, 0.3022, 0.3041
Android (android.graphics.Color)	4288584106 (0xFF9E99AA)
YUV	156.4330, 6.6885, 1.3743
Hunter-Lab	57.4054, 1.3675, -3.8818

Details

The Hex color **9E99AA** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A5AA99**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **D5CFE1**, and **6B6676** is the 20% darker color. If you saturate the color by 10%, you get **9288AA**, and if you desaturate by 10%, it is **AAAAAA**.

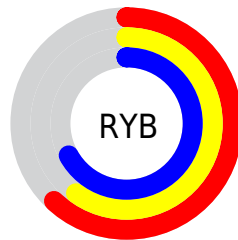
Distribution



Red (62%)

Green (60%)

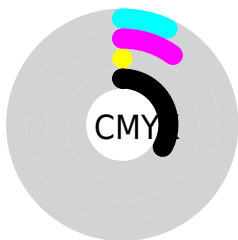
Blue (67%)



Red (62%)

Yellow (60%)

Blue (67%)

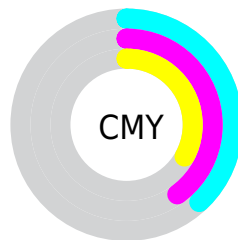


Cyan (7%)

Magenta (10%)

Yellow (0%)

Black (33%)



Cyan (38%)

Magenta (40%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E99AA 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 9E99AA by changing the saturation by 10% instead.

■ 9E99AA

■ 9E99AA

FFFFFF

■ 847F90

■ D5CFE1

■ 6B6676

■ F1ECFE

■ 524E5D

■ 3B3746

■ 26222F

■ 110C1B

■ 000000

■ 9E99AA

■ 9E99AA

■ 9288AA

■ AAAAAA

8677AA

B6BBAA

7A66AA

C2CCAA

6E55AA

CEDDAA

6244AA

DAEEAA

5633AA

E6FFAA

4A22AA

F2FFAA

3E11AA

FEFFAA

3200AA

FFFFAA

Harmonies

Analogous

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



939CAC



9E99AA



A797A4

Triad

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



9E99AA



AA988C



88A19C

Complementary

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



9E99AA



A5AA99

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.



8FA093



9E99AA



A29B8A

Square

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



9E99AA



AE9693



989E8D



86A0A4

Rectangle

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



9E99AA



AC969E



989E8D



8AA099

Sweetspot

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



9E99AA



D9D7DE



99A5AA



6D6C70



F0F0F0



707070

Same Dimension

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



9E99AA



CBC3DE



A699AA



4E4C54



2C0094



060014

Inverse Universe

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



AA99A5



DEC3D6



9DAA99



544C52



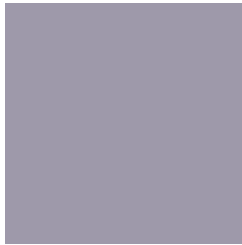
940068



14000E

Previews

White Background



This preview shows how the Hex color 9E99AA looks on a white background.

Color Contrast Check

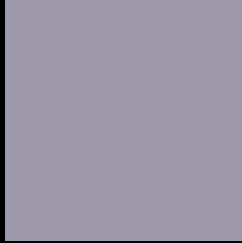
Large Text (above 18pt) WCAG AA × Fail

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 9E99AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

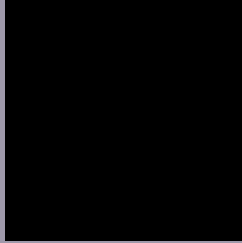
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

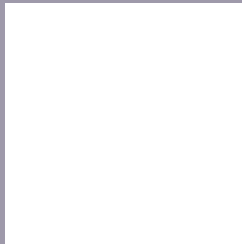
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9E99AA Background



This preview shows how black text looks on a background with the Hex color 9E99AA.



This preview shows how white text looks on a background with the Hex color 9E99AA.

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
9E99AA

Protanopia
9A9AAB

Deuteranopia
A497AA



Tritanopia
9D9AA6

Trichromacy



Original Color

9E99AA

Protanomaly

9B9AAB

Deuteranomaly

A298AA

Tritanomaly

9D9AA7

Monochromacy



Original Color

9E99AA

Achromatopsia

9C9C9C

Achromatomaly

9D9BA1

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E99AA 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 #9E99AA looks like.

```
.text, #text, p{  
    color:#9E99AA  
}
```

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 #9E99AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E99AA
}
```

Border

The CSS property to change the border of an element to Hex 9E99AA 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
#9E99AA }
```

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

```
.border{ border-color:#9E99AA }
```

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

Here you see how a box with a 4 pixel #9E99AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E99AA; -webkit-box-shadow:4px 4px  
4px 4px #9E99AA; box-shadow:4px 4px 4px  
4px #9E99AA }
```

Background

The CSS property to change the background color of an element to Hex 9E99AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E99AA }
```

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

```
.background{ background-color:#9E99AA }
```

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