

Converting Colors

Hex(9E9AAA)

Have a look what the booklet for
Hex(9E9AAA) contains.

Hex(9E9AAA)	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(9E9AAA)

Conversions

Conversions Part 1

Format	Color
Hex	9E9AAA
RGB	158, 154, 170
RGB Percent	62%, 60%, 67%
CMY	0.3804, 0.3961, 0.3333
CMYK	0.07, 0.09, 0.00, 0.33
HSL	255°, 9%, 64%
HSV	255°, 9%, 67%
XYZ	32.9119, 33.2826, 42.7197
YIQ	157.0200, -2.7520, 5.8240

Conversions

Conversions Part 2

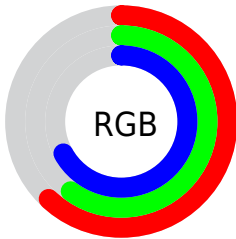
Format	Color
RYB	158, 154, 170
Decimal	10394282
CIELab	64.39, 4.60, -7.81
CIELCh	64, 9.069, 300.508
Yxy	33.2826, 0.3022, 0.3056
Android (android.graphics.Color)	4288584362 (0xFF9E9AAA)
YUV	157.0200, 6.3991, 0.8595
Hunter-Lab	57.6911, 0.8721, -3.5200

Details

The Hex color **9E9AAA** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A6AA9A**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **D5D0E1**, and **6B6776** is the 20% darker color. If you saturate the color by 10%, you get **9189AA**, and if you desaturate by 10%, it is **ABABAA**.

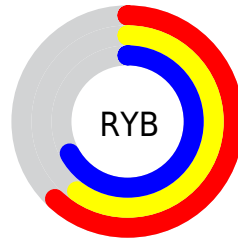
Distribution



Red (62%)

Green (60%)

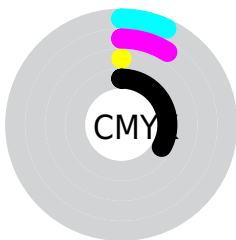
Blue (67%)



Red (62%)

Yellow (60%)

Blue (67%)

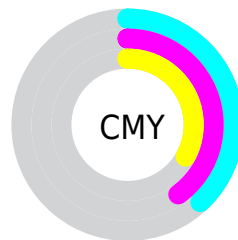


Cyan (7%)

Magenta (9%)

Yellow (0%)

Black (33%)



Cyan (38%)

Magenta (40%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E9AAA 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 9E9AAA by changing the saturation by 10% instead.



9E9AAA



9E9AAA

FFFFFF



848090



D5D0E1



6B6776



F1EDFE



524F5D



3B3846



26232F



110D1B



000000



9E9AAA



9E9AAA



9189AA



ABABAA

8578AA

B7BCAA

7867AA

C4CDAA

6B56AA

D1DEAA

5E45AA

DEEFAA

5234AA

EAFFAA

4523AA

F7FFAA

3812AA

FFFFAA

2B01AA

Harmonies

Analogous

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



949DAC



9E9AAA



A798A4

Triad

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



9E9AAA



AA998E



8AA19C

Complementary

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



9E9AAA



A6AA9A

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.



91A094



9E9AAA



A39C8C

Square

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



9E9AAA



AE9794



9A9E8E



88A1A4

Rectangle

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



9E9AAA



AB979F



9A9E8E



8CA199

Sweetspot

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



9E9AAA



D9D7DE



9AA6AA



6D6C70



F0F0F0



707070

Same Dimension

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



9E9AAA



CCC5DE



A69AAA



4E4C54



250094



050014

Inverse Universe

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



AA9AA6



DEC5D8



9EAA9A



544C52



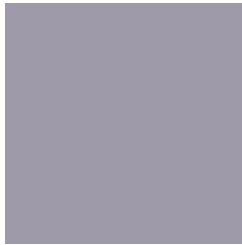
94006F



14000F

Previews

White Background



This preview shows how the Hex color 9E9AAA looks on a white background.

Color Contrast Check

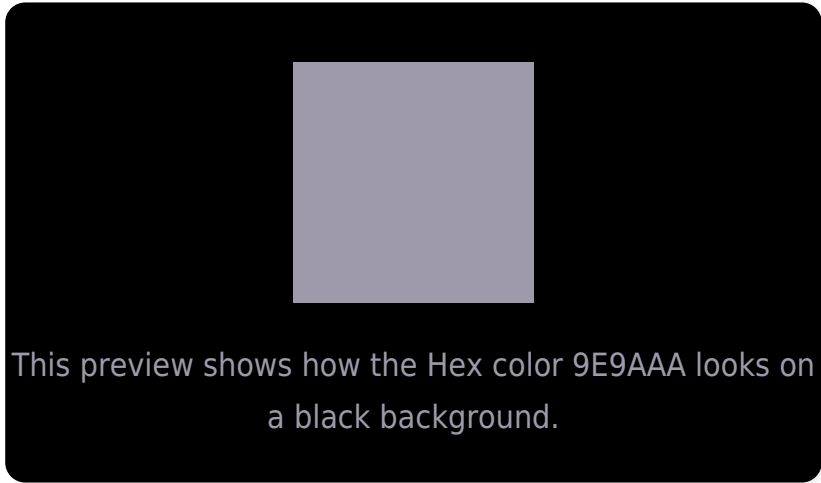
Large Text (above 18pt) WCAG AA × Fail

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

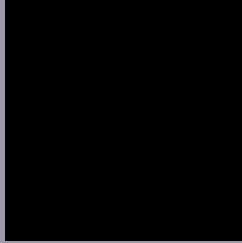
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

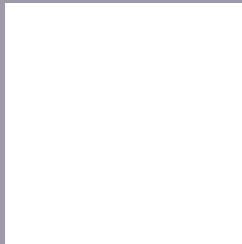
Any Text WCAG AAA ✓ Pass

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

Hex 9E9AAA Background



This preview shows how black text looks on a background with the Hex color 9E9AAA.

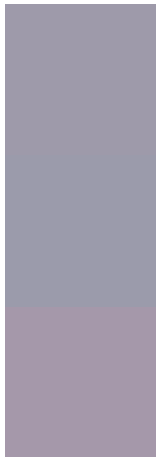


This preview shows how white text looks on a background with the Hex color 9E9AAA.

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
9E9AAA

Protanopia
9B9BAB

Deuteranopia
A598AA



Tritanopia
9D9BA7

Trichromacy



Original Color

9E9AAA

Protanomaly

9C9BAB

Deuteranomaly

A299AA

Tritanomaly

9D9BA8

Monochromacy



Original Color

9E9AAA

Achromatopsia

9D9D9D

Achromatomaly

9D9CA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E9AAA 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 #9E9AAA looks like.

```
.text, #text, p{  
    color:#9E9AAA  
}
```

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 #9E9AAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E9AAA
}
```

Border

The CSS property to change the border of an element to Hex 9E9AAA 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
#9E9AAA }
```

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

```
.border{ border-color:#9E9AAA }
```

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

Here you see how a box with a 4 pixel #9E9AAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E9AAA; -webkit-box-shadow:4px 4px  
4px 4px #9E9AAA; box-shadow:4px 4px 4px  
4px #9E9AAA }
```

Background

The CSS property to change the background color of an element to Hex 9E9AAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E9AAA }
```

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

```
.background{ background-color:#9E9AAA }
```

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