

Converting Colors

Hex(9889AB)

Have a look what the booklet for
Hex(9889AB) contains.

Hex(9889AB)	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(9889AB)

Conversions

Conversions Part 1

Format	Color
Hex	9889AB
RGB	152, 137, 171
RGB Percent	60%, 54%, 67%
CMY	0.4039, 0.4627, 0.3294
CMYK	0.11, 0.20, 0.00, 0.33
HSL	266°, 17%, 60%
HSV	266°, 20%, 67%
XYZ	29.2452, 27.5070, 42.2961
YIQ	145.3610, -1.9740, 13.7540

Conversions

Conversions Part 2

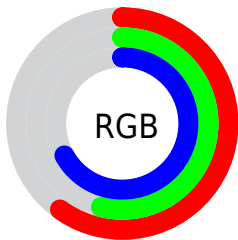
Format	Color
RYB	152, 137, 171
Decimal	9996715
CIELab	59.44, 12.38, -15.86
CIELCh	59, 20.118, 307.971
Yxy	27.5070, 0.2953, 0.2777
Android (android.graphics.Color)	4288186795 (0xFF9889AB)
YUV	145.3610, 12.6400, 5.8224
Hunter-Lab	52.4471, 7.7516, -11.1015

Details

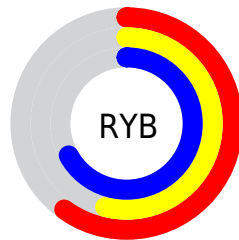
The Hex color **9889AB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **9CAB89**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **CEBEE2**, and **655777** is the 20% darker color. If you saturate the color by 10%, you get **8E78AB**, and if you desaturate by 10%, it is **A29AAB**.

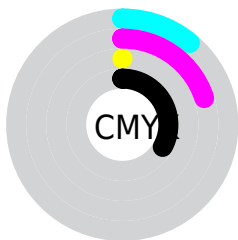
Distribution



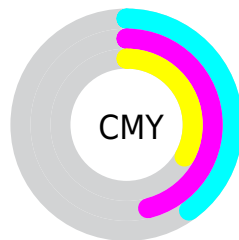
- Red (60%)
- Green (54%)
- Blue (67%)



- Red (60%)
- Yellow (54%)
- Blue (67%)



- Cyan (11%)
- Magenta (20%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (46%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9889AB 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 9889AB by changing the saturation by 10% instead.

■ 9889AB

■ 9889AB

FFFFFF

■ 7E7090

■ CEBEE2

■ 655777

■ EBD AFF

■ 4D405E

■ FFF7FF

■ 352A46

■ 201530

■ 09001B

■ 000000

■ 9889AB

■ 9889AB

■ 8E78AB

■ A29AAB

8567AB

ABABAB

7B56AB

B5BCAB

7245AB

BECDAB

6833AB

C8DEAB

5F22AB

D1F0AB

5511AB

DBFFAB

4C00AB

E4FFAB

4B00AB

EEFFAB

Harmonies

Analogous

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



808FB2



9889AB



AA849D

Triad

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



9889AB



A88A6F



619993

Complementary

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



9889AB



9CAB89

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.



709881



9889AB



988F6C

Square

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



9889AB



B2857A



849573



5D98A4

Rectangle

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



9889AB



B18391



849573



65998D

Sweetspot

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



9889AB



D6D1DE



899CAB



6C6870



F0F0F0



707070

Same Dimension

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



9889AB



C0A9DE



A989AB



524E57



420096



0A0017

Inverse Universe

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



AB899C



DEA9C6



8BAB89



574E53



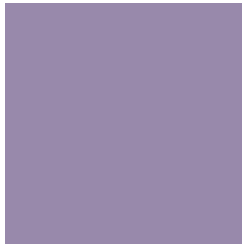
960054



17000D

Previews

White Background



This preview shows how the Hex color 9889AB looks on a white background.

Color Contrast Check

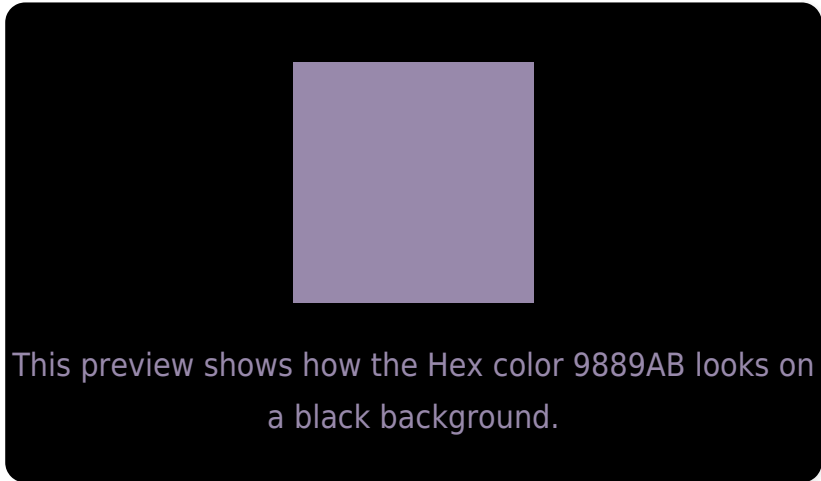
Large Text (above 18pt) WCAG AA ✓ Pass

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

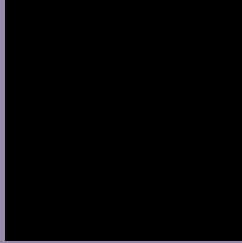
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 9889AB Background



This preview shows how black text looks on a background with the Hex color 9889AB.



This preview shows how white text looks on a background with the Hex color 9889AB.

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
9889AB

Protanopia
888EAE

Deuteranopia
908CAA



Tritanopia
958C98

Trichromacy



Original Color

9889AB

Protanomaly

8E8CAD

Deuteranomaly

938BAA

Tritanomaly

968B9F

Monochromacy



Original Color

9889AB

Achromatopsia

919191

Achromatomaly

948E9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9889AB 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 #9889AB looks like.

```
.text, #text, p{  
    color:#9889AB  
}
```

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 #9889AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9889AB
}
```

Border

The CSS property to change the border of an element to Hex 9889AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

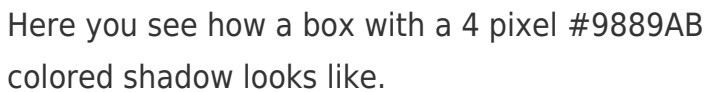
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9889AB }
```

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

```
.border{ border-color:#9889AB }
```

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



Here you see how a box with a 4 pixel #9889AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9889AB; -webkit-box-shadow:4px 4px  
4px 4px #9889AB; box-shadow:4px 4px 4px  
4px #9889AB }
```

Background

The CSS property to change the background color of an element to Hex 9889AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9889AB }
```

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

```
.background{ background-color:#9889AB }
```

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