

Converting Colors

Hex(9988AA)

Have a look what the booklet for
Hex(9988AA) contains.

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Color

Hex(9988AA)

Conversions

Conversions Part 1

Format	Color
Hex	9988AA
RGB	153, 136, 170
RGB Percent	60%, 53%, 67%
CMY	0.4000, 0.4667, 0.3333
CMYK	0.10, 0.20, 0.00, 0.33
HSL	270°, 17%, 60%
HSV	270°, 20%, 67%
XYZ	29.1967, 27.2829, 41.7575
YIQ	144.9590, -0.7820, 14.1780

Conversions

Conversions Part 2

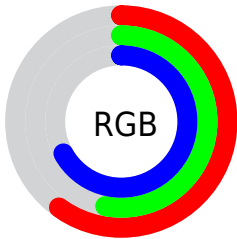
Format	Color
RYB	153, 136, 170
Decimal	10061994
CIELab	59.24, 13.08, -15.59
CIElCh	59, 20.349, 309.986
Yxy	27.2829, 0.2972, 0.2777
Android (android.graphics.Color)	4288252074 (0xFF9988AA)
YUV	144.9590, 12.3452, 7.0520
Hunter-Lab	52.2330, 8.3684, -10.8360

Details

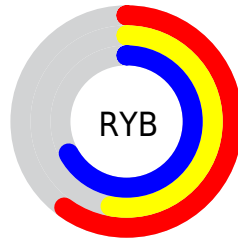
The Hex color **9988AA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **99AA88**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **D0BDE1**, and **665676** is the 20% darker color. If you saturate the color by 10%, you get **9077AA**, and if you desaturate by 10%, it is **A199AA**.

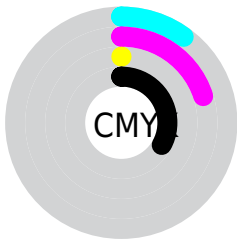
Distribution



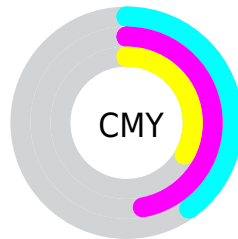
- Red (60%)
- Green (53%)
- Blue (67%)



- Red (60%)
- Yellow (53%)
- Blue (67%)



- Cyan (10%)
- Magenta (20%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9988AA 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 9988AA by changing the saturation by 10% instead.



9988AA



9988AA

FFFFFF



7F6F8F



D0BDE1



665676



ECD9FE



4D3F5D



FFF6FF



362945



20142F



09001B



000000



9988AA



9988AA



9077AA



A199AA

8866AA

AAAAAA

7F55AA

B2BBAA

7744AA

BBCCAA

6E33AA

C3DDAA

6622AA

CCEEAA

5E11AA

D4FFAA

5500AA

DDFFAA

E5FFAA

Harmonies

Analogous

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



818EB2



9988AA



AB839B

Triad

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



9988AA



A7896D



5F9994

Complementary

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



9988AA



99AA88

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.



6E9882



9988AA



968F6B

Square

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



9988AA



B18478



829473



5C97A5

Rectangle

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



9988AA



B1828F



829473



63998E

Sweetspot

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



9988AA



D7D1DE



8899AA



6C6870



F0F0F0



707070

Same Dimension

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



9988AA



C3A9DE



AA88AA



504C54



4A0094



0A0014

Inverse Universe

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



AA8899



DEA9C3



88AA88



544C50



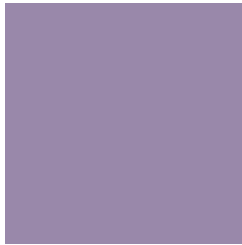
94004A



14000A

Previews

White Background



This preview shows how the Hex color 9988AA looks on a white background.

Color Contrast Check

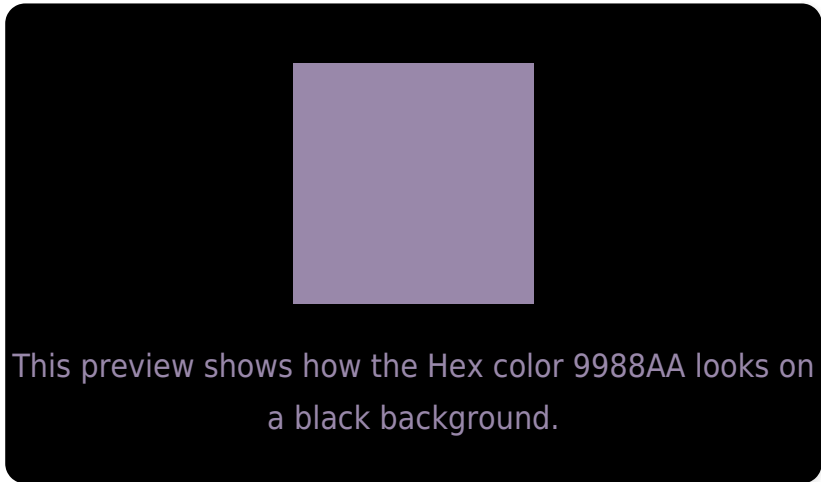
Large Text (above 18pt) WCAG AA ✓ Pass

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

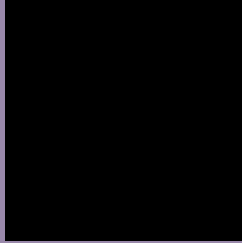
Any Text WCAG AA ✓ Pass

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 9988AA Background



This preview shows how black text looks on a background with the Hex color 9988AA.



This preview shows how white text looks on a background with the Hex color 9988AA.

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
9988AA

Protanopia
878DAE

Deuteranopia
8F8BA9



Tritanopia
968B96

Trichromacy



Original Color
9988AA

Protanomaly
8E8BAD

Deuteranomaly
938AA9

Tritanomaly
978A9D

Monochromacy



Original Color
9988AA

Achromatopsia
919191

Achromatomaly
948E9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9988AA 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 #9988AA looks like.

```
.text, #text, p{  
    color:#9988AA  
}
```

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 #9988AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9988AA
}
```

Border

The CSS property to change the border of an element to Hex 9988AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

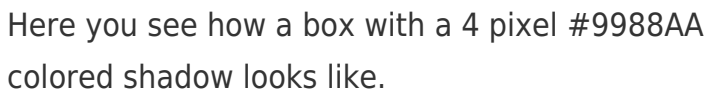
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9988AA }
```

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

```
.border{ border-color:#9988AA }
```

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



Here you see how a box with a 4 pixel #9988AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9988AA; -webkit-box-shadow:4px 4px  
4px 4px #9988AA; box-shadow:4px 4px 4px  
4px #9988AA }
```

Background

The CSS property to change the background color of an element to Hex 9988AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9988AA }
```

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

```
.background{ background-color:#9988AA }
```

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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