

Converting Colors

Hex(9999AE)

Have a look what the booklet for
Hex(9999AE) contains.

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Color

Hex(9999AE)

Conversions

Conversions Part 1

Format	Color
Hex	9999AE
RGB	153, 153, 174
RGB Percent	60%, 60%, 68%
CMY	0.4000, 0.4000, 0.3176
CMYK	0.12, 0.12, 0.00, 0.32
HSL	240°, 11%, 64%
HSV	240°, 12%, 68%
XYZ	32.1681, 32.6108, 44.6435
YIQ	155.3940, -6.7410, 6.5310

Conversions

Conversions Part 2

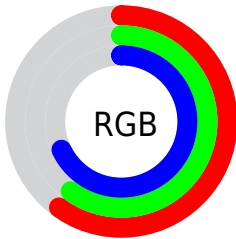
Format	Color
RYB	153, 153, 174
Decimal	10066350
CIELab	63.84, 4.29, -10.92
CIELCh	64, 11.729, 291.434
Yxy	32.6108, 0.2940, 0.2980
Android (android.graphics.Color)	4288256430 (0xFF9999AE)
YUV	155.3940, 9.1728, -2.0995
Hunter-Lab	57.1058, 0.6150, -6.3769

Details

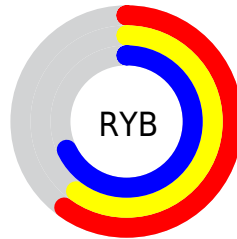
The Hex color **9999AE** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AEAE99**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **CFCFE5**, and **66667A** is the 20% darker color. If you saturate the color by 10%, you get **8888AE**, and if you desaturate by 10%, it is **AAAAAE**.

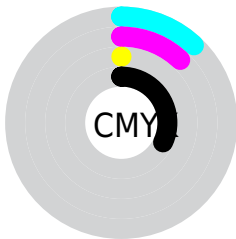
Distribution



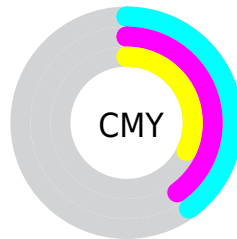
- Red (60%)
- Green (60%)
- Blue (68%)



- Red (60%)
- Yellow (60%)
- Blue (68%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (32%)



- Cyan (40%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9999AE 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 9999AE by changing the saturation by 10% instead.

■ 9999AE

■ 9999AE

FFFFFF

■ 7F7F93

■ CFCFE5

■ 66667A

■ ECEBFF

■ 4E4E61

■ 373749

■ 212232

■ 0C0C1E

■ 000001

■ 000000

■ 9999AE

■ 9999AE

8888AE

AAAAAE

7676AE

BCBCAE

6565AE

CDCDAE

5353AE

DFDFAE

4242AE

F0F0AE

3131AE

FFFFAE

1F1FAE

0E0EAE

0000AE

Harmonies

Analogous

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



8C9CAF



9999AE



A696A8

Triad

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



9999AE



AE968B



85A197

Complementary

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



9999AE



AEAE99

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.



8F9F8D



9999AE



A69986

Square

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



9999AE



B19493



9B9C87



80A1A2

Rectangle

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



9999AE



AC94A2



9B9C87



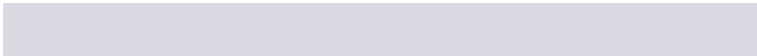
88A094

Sweetspot

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



9999AE



DADAE3



99AEAE



6D6D73



F2F2F2



737373

Same Dimension

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



9999AE



C3C3E3



A399AE



4E4E57



000096



000017

Inverse Universe

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



AE99AE



E3C3E3



A3AE99



574E57



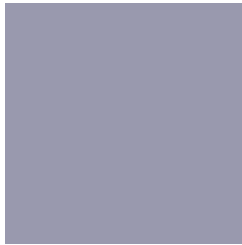
960096



170017

Previews

White Background



This preview shows how the Hex color 9999AE looks on a white background.

Color Contrast Check

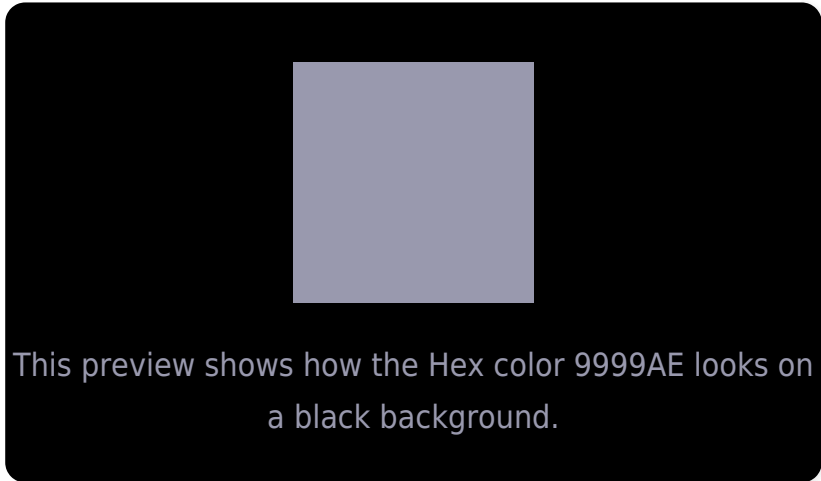
Large Text (above 18pt) WCAG AA × Fail

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

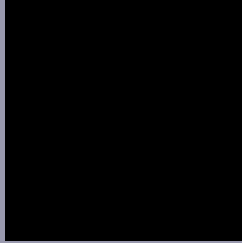
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

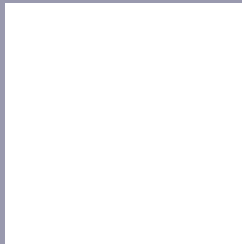
Any Text WCAG AAA ✓ Pass

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

Hex 9999AE Background



This preview shows how black text looks on a background with the Hex color 9999AE.



This preview shows how white text looks on a background with the Hex color 9999AE.

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
9999AE

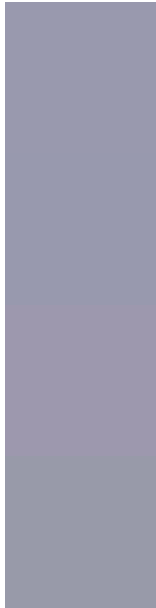
Protanopia
9799AE

Deuteranopia
A097AE



Tritanopia
989AA6

Trichromacy



Original Color
9999AE

Protanomaly
9899AE

Deuteranomaly
9D98AE

Tritanomaly
989AA9

Monochromacy



Original Color
9999AE

Achromatopsia
9B9B9B

Achromatomaly
9A9AA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 9999AE 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 #9999AE looks like.

```
.text, #text, p{  
    color:#9999AE  
}
```

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 #9999AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9999AE }
}
```

Border

The CSS property to change the border of an element to Hex 9999AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

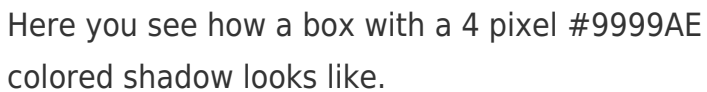
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #9999AE }
}
```

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

```
.border{ border-color:#9999AE }
```

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



Here you see how a box with a 4 pixel #9999AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9999AE; -webkit-box-shadow:4px 4px  
4px 4px #9999AE; box-shadow:4px 4px 4px  
4px #9999AE }
```

Background

The CSS property to change the background color of an element to Hex 9999AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9999AE }
```

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

```
.background{ background-color:#9999AE }
```

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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