

Converting Colors

Hex(9870A9)

Have a look what the booklet for
Hex(9870A9) contains.

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Color

Hex(9870A9)

Conversions

Conversions Part 1

Format	Color
Hex	9870A9
RGB	152, 112, 169
RGB Percent	60%, 44%, 66%
CMY	0.4039, 0.5608, 0.3373
CMYK	0.10, 0.34, 0.00, 0.34
HSL	282°, 25%, 55%
HSV	282°, 34%, 66%
XYZ	25.9045, 21.1283, 40.2490
YIQ	130.4580, 5.5430, 26.2070

Conversions

Conversions Part 2

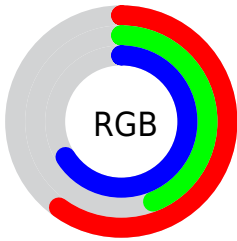
Format	Color
R_{YB}	152, 112, 169
Decimal	9990313
CIE _{Lab}	53.09, 26.38, -24.42
CIE _{LCh}	53, 35.943, 317.211
Yxy	21.1283, 0.2968, 0.2421
Android (android.graphics.Color)	4288180393 (0xFF9870A9)
YUV	130.4580, 19.0012, 18.8923
Hunter-Lab	45.9655, 20.1564, -19.7404

Details

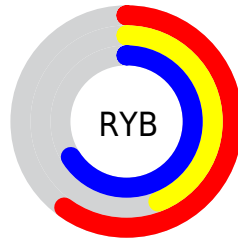
The Hex color **9870A9** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **81A970**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **CFA4E0**, and **643F75** is the 20% darker color. If you saturate the color by 10%, you get **935FA9**, and if you desaturate by 10%, it is **9D81A9**.

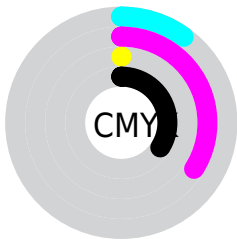
Distribution



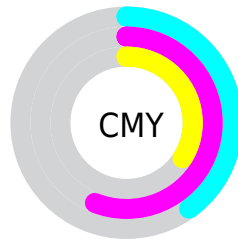
- Red (60%)
- Green (44%)
- Blue (66%)



- Red (60%)
- Yellow (44%)
- Blue (66%)



- Cyan (10%)
- Magenta (34%)
- Yellow (0%)
- Black (34%)



- Cyan (40%)
- Magenta (56%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9870A9 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 9870A9 by changing the saturation by 10% instead.

 9870A9

 9870A9

FFFFFF

 7E578E

 CFA4E0

 643F75

 EBC0FD

 4B285C

 FFDCFF

 341244

 FFF8FF

 1F002E

 000118

 000000

 9870A9

 9870A9

 935FA9

 9D81A9

8E4EA9

A292A9

893DA9

A7A3A9

842CA9

ACB4A9

7F1BA9

B1C4A9

7A0BA9

B6D5A9

7700A9

BBE6A9

C0F7A9

C5FFA9

Harmonies

Analogous

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



6D7CBA



9870A9



B2678D

Triad

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



9870A9



9D7842



008F90

Complementary

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



9870A9



81A970

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.



2F8E70



9870A9



808342

Square

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



9870A9



B26D53



5D8A53



008CAB

Rectangle

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



9870A9



B96678



5D8A53



008F85

Sweetspot

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



9870A9



D5C5DB



7081A9



6A606E



EDEDED



6E6E6E

Same Dimension

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



9870A9



C184DB



A9709E



524C54



680094



0E0014

Inverse Universe

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



A97081



DB849E



70A97B



544C4E



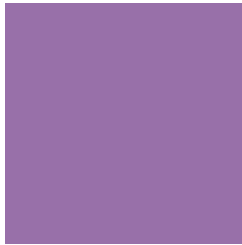
94002C



140006

Previews

White Background



This preview shows how the Hex color 9870A9 looks on a white background.

Color Contrast Check

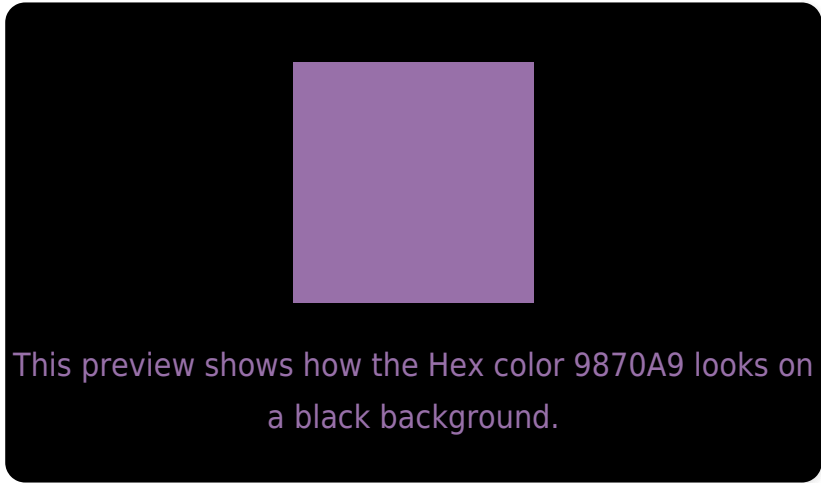
Large Text (above 18pt) WCAG AA ✓ Pass

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

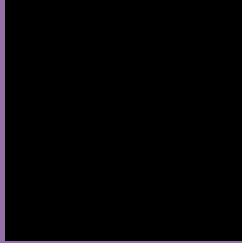
Any Text WCAG AA ✓ Pass

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 9870A9 Background



This preview shows how black text looks on a background with the Hex color 9870A9.



This preview shows how white text looks on a background with the Hex color 9870A9.

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
9870A9

Protanopia
6E7DB3

Deuteranopia
767DA6



Tritanopia
927881

Trichromacy



Original Color
9870A9

Protanomaly
7D78AF

Deuteranomaly
8278A7

Tritanomaly
947590

Monochromacy



Original Color
9870A9

Achromatopsia
828282

Achromatomaly
8A7B90

CSS Examples

Text

The CSS property to change the color of the text to Hex 9870A9 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 #9870A9 looks like.

```
.text, #text, p{  
    color:#9870A9  
}
```

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 #9870A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9870A9
}
```

Border

The CSS property to change the border of an element to Hex 9870A9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

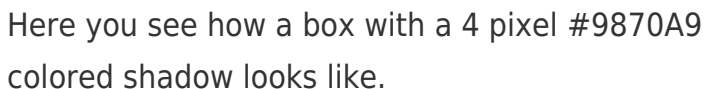
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9870A9 }
```

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

```
.border{ border-color:#9870A9 }
```

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



Here you see how a box with a 4 pixel #9870A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9870A9; -webkit-box-shadow:4px 4px  
4px 4px #9870A9; box-shadow:4px 4px 4px  
4px #9870A9 }
```

Background

The CSS property to change the background color of an element to Hex 9870A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9870A9 }
```

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

```
.background{ background-color:#9870A9 }
```

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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