

Converting Colors

Hex(9E86A8)

Have a look what the booklet for
Hex(9E86A8) contains.

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Color

Hex(9E86A8)

Conversions

Conversions Part 1

Format	Color
Hex	9E86A8
RGB	158, 134, 168
RGB Percent	62%, 53%, 66%
CMY	0.3804, 0.4745, 0.3412
CMYK	0.06, 0.20, 0.00, 0.34
HSL	282°, 16%, 59%
HSV	282°, 20%, 66%
XYZ	29.6935, 27.1464, 40.7206
YIQ	145.0520, 3.3900, 15.6620

Conversions

Conversions Part 2

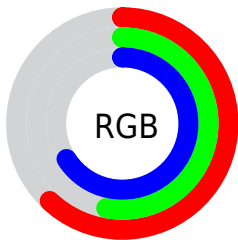
Format	Color
RYB	158, 134, 168
Decimal	10389160
CIELab	59.11, 15.52, -14.60
CIElCh	59, 21.305, 316.760
Yxy	27.1464, 0.3044, 0.2783
Android (android.graphics.Color)	4288579240 (0xFF9E86A8)
YUV	145.0520, 11.3134, 11.3554
Hunter-Lab	52.1023, 10.5498, -9.8666




Details

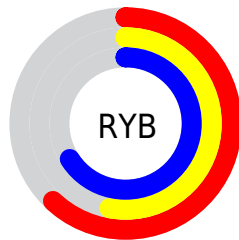
The Hex color **9E86A8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **90A886**, and the grayscale version is **919191**.




A 20% lighter version of the original color is **D5BBDF**, and **6A5474** is the 20% darker color. If you saturate the color by 10%, you get **9975A8**, and if you desaturate by 10%, it is **A397A8**.

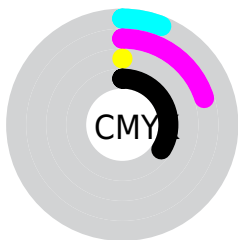
Distribution







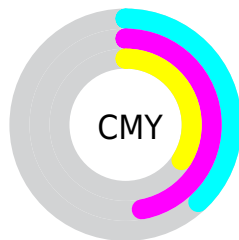
-  Red (62%)
-  Green (53%)
-  Blue (66%)






-  Red (62%)
-  Yellow (53%)
-  Blue (66%)



-  Cyan (6%)
-  Magenta (20%)
-  Yellow (0%)
-  Black (34%)



-  Cyan (38%)
-  Magenta (47%)
-  Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E86A8 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 9E86A8 by changing the saturation by 10% instead.



9E86A8



9E86A8

FFFFFF



846D8E



D5BBDF



6A5474



F1D7FC



523D5B



FFF4FF



3B2744



24122D



0F0019



000000



9E86A8



9E86A8



9975A8



A397A8

9464A8

A8A8A8

8F54A8

ADB8A8

8A43A8

B2C9A8

8532A8

B7DAA8

8021A8

BCEBA8

7B10A8

C1FCA8

7700A8

C6FFA8

CAFFA8

Harmonies

Analogous

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



868CB2



9E86A8



AE8297

Triad

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



9E86A8



A48A6A



5A9998

Complementary

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



9E86A8



90A886

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.



679885



9E86A8



91906A

Square

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



9E86A8



B08474



7C9574



5B97A9

Rectangle

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



9E86A8



B4818B



7C9574



5D9992

Sweetspot

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



9E86A8



D7CEDB



8690A8



6B666E



EDEDED



6E6E6E

Same Dimension

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



9E86A8



CCA7DB



A886A1



524C54



680094



0E0014

Inverse Universe

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



A88690



DBA7B6



86A88D



544C4E



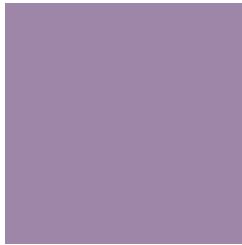
94002B



140006

Previews

White Background



This preview shows how the Hex color 9E86A8 looks on a white background.

Color Contrast Check

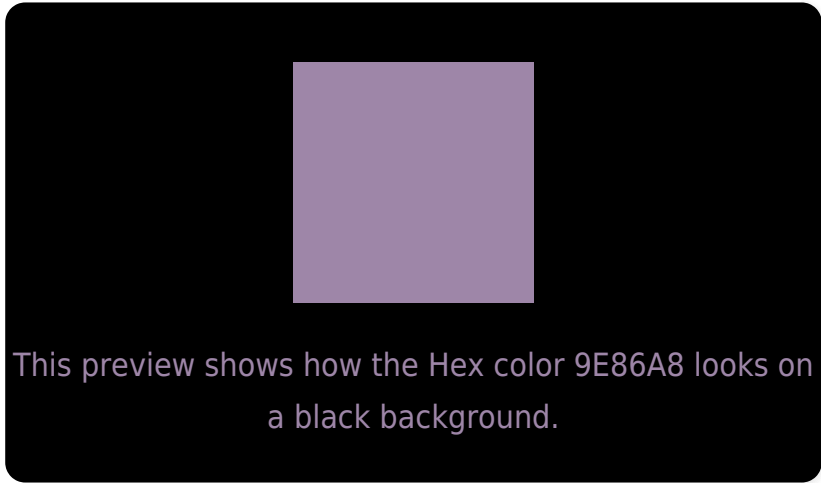
Large Text (above 18pt) WCAG AA ✓ Pass

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

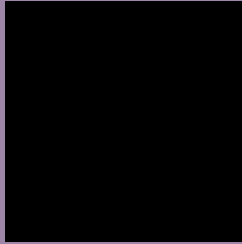
Any Text WCAG AA ✓ Pass

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 9E86A8 Background



This preview shows how black text looks on a background with the Hex color 9E86A8.

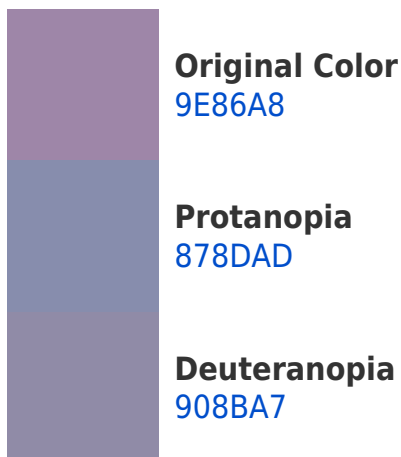



This preview shows how white text looks on a background with the Hex color 9E86A8.

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





Tritanopia
9B8A94

Trichromacy



Original Color
9E86A8

Protanomaly
8F8AAB

Deuteranomaly
9589A7

Tritanomaly
9C899B

Monochromacy



Original Color
9E86A8

Achromatopsia
919191

Achromatomaly
968D99

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E86A8 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 #9E86A8 looks like.

```
.text, #text, p{  
    color:#9E86A8  
}
```

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 #9E86A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E86A8
}
```

Border

The CSS property to change the border of an element to Hex 9E86A8 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
#9E86A8 }
```

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

```
.border{ border-color:#9E86A8 }
```

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

Here you see how a box with a 4 pixel #9E86A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E86A8; -webkit-box-shadow:4px 4px  
4px 4px #9E86A8; box-shadow:4px 4px 4px  
4px #9E86A8 }
```

Background

The CSS property to change the background color of an element to Hex 9E86A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E86A8 }
```

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

```
.background{ background-color:#9E86A8 }
```

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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