

Converting Colors

Hex(9C86A7)

Have a look what the booklet for
Hex(9C86A7) contains.

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Color

Hex(9C86A7)

Conversions

Conversions Part 1

Format	Color
Hex	9C86A7
RGB	156, 134, 167
RGB Percent	61%, 53%, 65%
CMY	0.3882, 0.4745, 0.3451
CMYK	0.07, 0.20, 0.00, 0.35
HSL	280°, 16%, 59%
HSV	280°, 20%, 65%
XYZ	29.2104, 26.9081, 40.2134
YIQ	144.3400, 2.5190, 14.9270

Conversions

Conversions Part 2

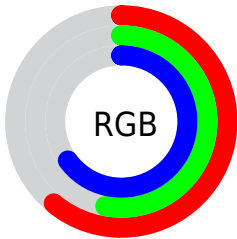
Format	Color
R_{YB}	156, 134, 167
Decimal	10258087
CIE _{Lab}	58.89, 14.62, -14.37
CIE _{LCh}	59, 20.504, 315.487
Yxy	26.9081, 0.3032, 0.2793
Android (android.graphics.Color)	4288448167 (0xFF9C86A7)
YUV	144.3400, 11.1714, 10.2258
Hunter-Lab	51.8731, 9.7380, -9.6521

Details

The Hex color **9C86A7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **91A786**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **D3BBDE**, and **695473** is the 20% darker color. If you saturate the color by 10%, you get **9675A7**, and if you desaturate by 10%, it is **A297A7**.

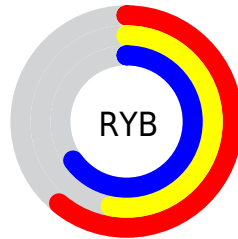
Distribution



Red (61%)

Green (53%)

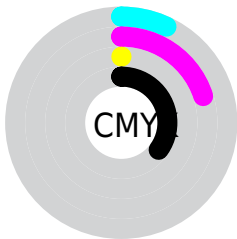
Blue (65%)



Red (61%)

Yellow (53%)

Blue (65%)

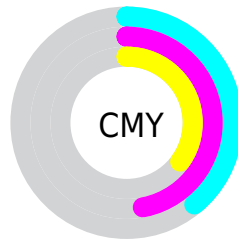


Cyan (7%)

Magenta (20%)

Yellow (0%)

Black (35%)



Cyan (39%)

Magenta (47%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C86A7 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 9C86A7 by changing the saturation by 10% instead.



9C86A7



9C86A7

FFFFFF



826D8D



D3BBDE



695473



EFD7FB



503D5A



FFF3FF



392743



23122D



0B0018



000000



9C86A7



9C86A7



9675A7



A297A7

9165A7

A7A7A7

8B54A7

ADB8A7

8643A7

B2C9A7

8032A7

B8D9A7

7B22A7

BDEAA7

7511A7

C3FBA7

6F00A7

C9FFA7

CEFFA7

Harmonies

Analogous

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



858CB0



9C86A7



AC8297

Triad

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



9C86A7



A38A6B



5C9897

Complementary

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



9C86A7



91A786

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.



699784



9C86A7



918F6B

Square

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



9C86A7



AF8475



7D9474



5C96A7

Rectangle

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



9C86A7



B2818B



7D9474



5F9890

Sweetspot

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



9C86A7



D4CCD9



8691A7



6B666E



EDEDED



6E6E6E

Same Dimension

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



9C86A7



C7A5D9



A786A1



514C54



630094



0E0014

Inverse Universe

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



A78691



D9A5B6



86A78B



544C4F



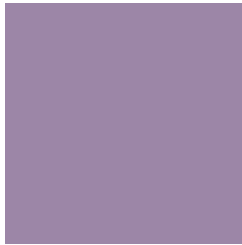
940031



140007

Previews

White Background



This preview shows how the Hex color 9C86A7 looks on a white background.

Color Contrast Check

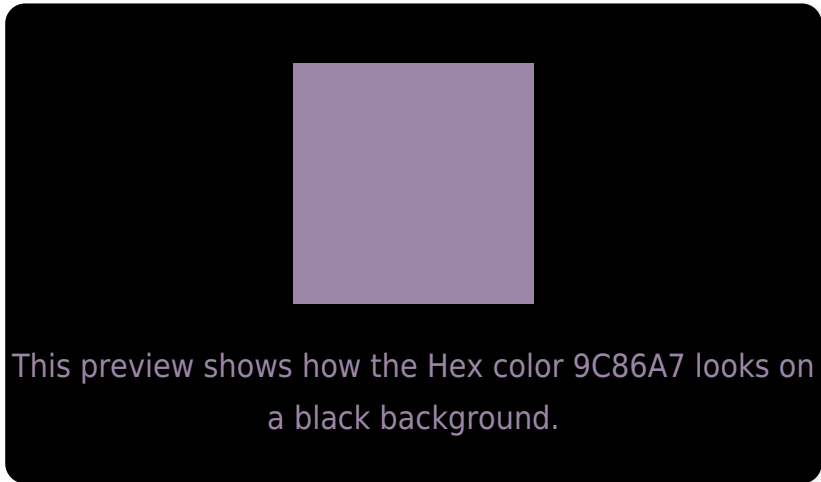
Large Text (above 18pt) WCAG AA ✓ Pass

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

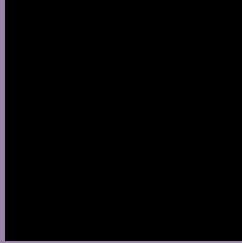
Any Text WCAG AA ✓ Pass

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 9C86A7 Background



This preview shows how black text looks on a background with the Hex color 9C86A7.



This preview shows how white text looks on a background with the Hex color 9C86A7.

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
9C86A7

Protanopia
878CAB

Deuteranopia
908AA6



Tritanopia
998994

Trichromacy



Original Color
9C86A7

Protanomaly
8F8AAA

Deuteranomaly
9489A6

Tritanomaly
9A889B

Monochromacy



Original Color
9C86A7

Achromatopsia
909090

Achromatomaly
948C98

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C86A7 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 #9C86A7 looks like.

```
.text, #text, p{  
    color:#9C86A7  
}
```

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 #9C86A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C86A7
}
```

Border

The CSS property to change the border of an element to Hex 9C86A7 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
#9C86A7 }
```

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

```
.border{ border-color:#9C86A7 }
```

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

Here you see how a box with a 4 pixel #9C86A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C86A7; -webkit-box-shadow:4px 4px  
4px 4px #9C86A7; box-shadow:4px 4px 4px  
4px #9C86A7 }
```

Background

The CSS property to change the background color of an element to Hex 9C86A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C86A7 }
```

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

```
.background{ background-color:#9C86A7 }
```

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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