

# Converting Colors

Hex(9C87A1)

Have a look what the booklet for  
Hex(9C87A1) contains.

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# **Color**

**Hex(9C87A1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C87A1
RGB	156, 135, 161
RGB Percent	61%, 53%, 63%
CMY	0.3882, 0.4706, 0.3686
CMYK	0.03, 0.16, 0.00, 0.37
HSL	288°, 12%, 58%
HSV	288°, 16%, 63%
XYZ	28.8073, 26.9691, 37.4055
YIQ	144.2430, 4.1700, 12.5380

# Conversions

## Conversions Part 2

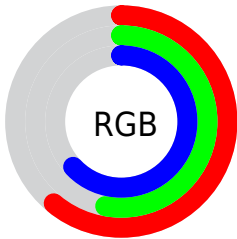
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 135, 161
Decimal	10258337
CIE <sub>Lab</sub>	58.95, 12.82, -10.86
CIE <sub>LCh</sub>	59, 16.798, 319.736
Yxy	26.9691, 0.3092, 0.2894
Android (android.graphics.Color)	4288448417 (0xFF9C87A1)
YUV	144.2430, 8.2612, 10.3109
Hunter-Lab	51.9318, 8.1360, -6.3532

# Details

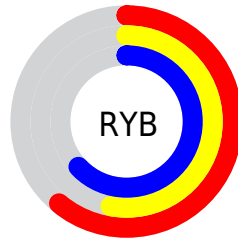
The Hex color **9C87A1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **8CA187**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **D3BCD8**, and **69556D** is the 20% darker color. If you saturate the color by 10%, you get **9977A1**, and if you desaturate by 10%, it is **9F97A1**.

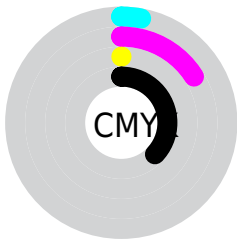
# Distribution



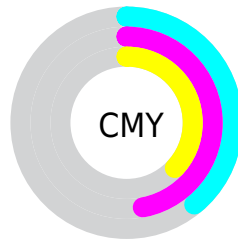
- Red (61%)
- Green (53%)
- Blue (63%)



- Red (61%)
- Yellow (53%)
- Blue (63%)



- Cyan (3%)
- Magenta (16%)
- Yellow (0%)
- Black (37%)



- Cyan (39%)
- Magenta (47%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C87A1 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 9C87A1 by changing the saturation by 10% instead.





9C87A1



9C87A1

FFFFFF



826E87



D3BCD8



69556D



EFD8F4



503E55



FFF5FF



39283E



231328



0B0014



000000



9C87A1



9C87A1



9977A1



9F97A1

9667A1

A2A7A1

9357A1

A5B7A1

9047A1

A8C7A1

8D37A1

ABD7A1

8926A1

AFE8A1

8616A1

B2F8A1

8306A1

B5FFA1

8200A1

B8FFA1

# Harmonies

## Analogous

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



8A8CA9



9C87A1



A88494

# Triad

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



9C87A1



9E8B71



669697

# Complementary

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



9C87A1



8CA187

# 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.



6F9688



9C87A1



8F9072

# Square

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



9C87A1



A98778



7E947A



6994A4

# Rectangle

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



9C87A1



AC8389



7E947A



689692



# Sweetspot

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



9C87A1



CFC7D1



878CA1



676269



E8E8E8



696969



# Same Dimension

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



9C87A1



C9A9D1



A18799



504952



750091



0E0012



# Inverse Universe

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



A1878C



D1A9B1



87A18F



52494B



91001C

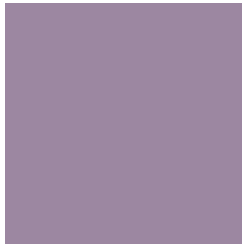


120003



# Previews

## White Background



This preview shows how the Hex color 9C87A1 looks on a white background.

## Color Contrast Check

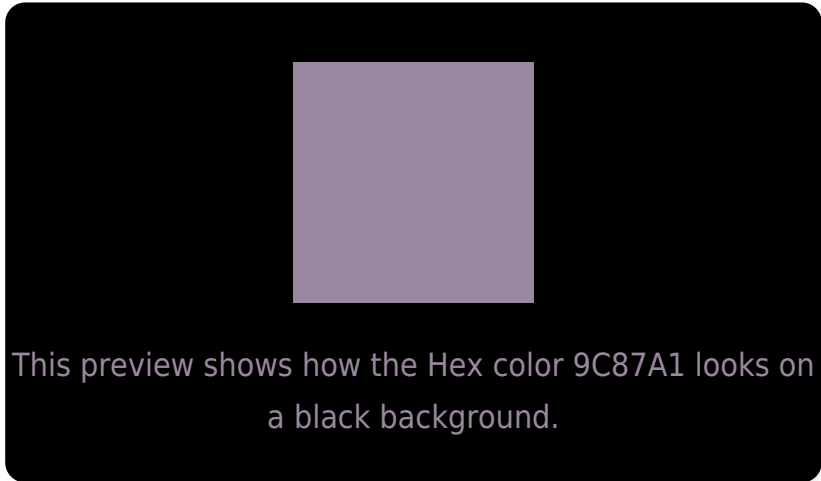
Large Text (above 18pt) WCAG AA ✓ Pass

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

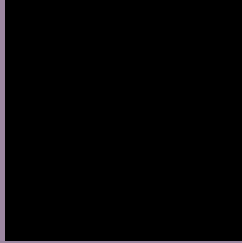
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9C87A1 Background



This preview shows how black text looks on a background with the Hex color 9C87A1.

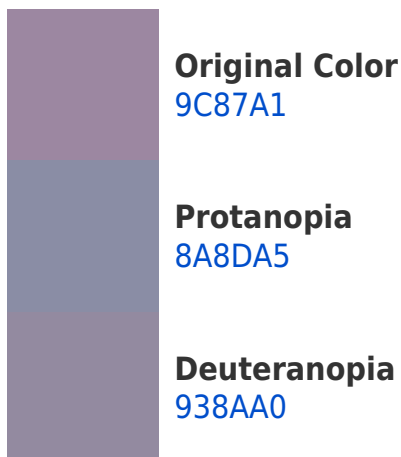


This preview shows how white text looks on a background with the Hex color 9C87A1.

# 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**  
9A8994

# Trichromacy



**Original Color**  
9C87A1

**Protanomaly**  
918BA4

**Deuteranomaly**  
9689A0

**Tritanomaly**  
9B8899

# Monochromacy



**Original Color**  
9C87A1

**Achromatopsia**  
909090

**Achromatomaly**  
948D96

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C87A1 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 #9C87A1 looks like.

```
.text, #text, p{  
    color:#9C87A1  
}
```

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 #9C87A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C87A1
}
```

## Border

The CSS property to change the border of an element to Hex 9C87A1 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
#9C87A1 }
```

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

```
.border{ border-color:#9C87A1 }
```

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

Here you see how a box with a 4 pixel #9C87A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C87A1; -webkit-box-shadow:4px 4px  
4px 4px #9C87A1; box-shadow:4px 4px 4px  
4px #9C87A1 }
```

# Background

The CSS property to change the background color of an element to Hex 9C87A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C87A1 }
```

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

```
.background{ background-color:#9C87A1 }
```

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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