

# Converting Colors

Hex(9C7585)

Have a look what the booklet for  
Hex(9C7585) contains.

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**Color**

**Hex(9C7585)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C7585
RGB	156, 117, 133
RGB Percent	61%, 46%, 52%
CMY	0.3882, 0.5412, 0.4784
CMYK	0.00, 0.25, 0.15, 0.39
HSL	335°, 16%, 54%
HSV	335°, 25%, 61%
XYZ	24.3052, 21.4840, 25.0561
YIQ	130.4850, 18.1080, 13.2440

# Conversions

## Conversions Part 2

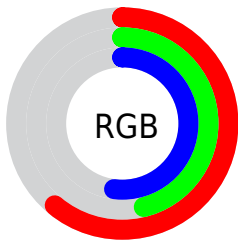
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 117, 133
Decimal	10253701
CIE <sub>Lab</sub>	53.48, 17.90, -2.78
CIE <sub>LCh</sub>	53, 18.116, 351.189
Yxy	21.4840, 0.3431, 0.3033
Android (android.graphics.Color)	4288443781 (0xFF9C7585)
YUV	130.4850, 1.2399, 22.3767
Hunter-Lab	46.3508, 12.4872, 0.3948

# Details

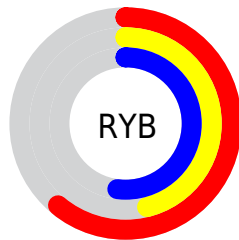
The Hex color **9C7585** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **759C8C**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **D3A9BA**, and **684454** is the 20% darker color. If you saturate the color by 10%, you get **9C657C**, and if you desaturate by 10%, it is **9C858E**.

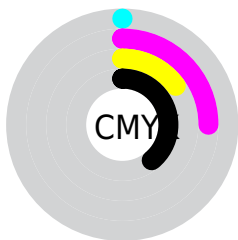
# Distribution



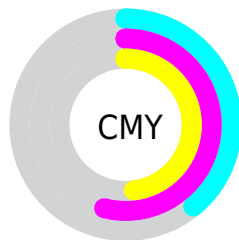
- Red (61%)
- Green (46%)
- Blue (52%)



- Red (61%)
- Yellow (46%)
- Blue (52%)



- Cyan (0%)
- Magenta (25%)
- Yellow (15%)
- Black (39%)



- Cyan (39%)
- Magenta (54%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C7585 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 9C7585 by changing the saturation by 10% instead.





9C7585



9C7585

FFFFFF



825C6C



D3A9BA



684454



F0C5D6



4F2E3C



FFE1F2



381827



FFFDFF



230012



000000



9C7585



9C7585



9C657C



9C858E



9C5673



9C9497

 9C4669

 9CA4A1

 9C3760

 9CB3AA

 9C2757

 9CC3B3

 9C174E

 9CD3BC

 9C0845

 9CE2C5

 9C0040

 9CF2CF

 9CFFD8

# Harmonies

## Analogous

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



8F7893



9C7585



A07575

# Triad

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



9C7585



808263



578797

# Complementary

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



9C7585



759C8C

# 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.



54888A



9C7585



6E866C

# Square

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



9C7585



907D61



5E887A



67839E

# Rectangle

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



9C7585



9E776C



5E887A



558794



# Sweetspot

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



9C7585



CCBCC2



8C759C



665C60



E6E6E6



666666



# Same Dimension

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



9C7585



CC8FA8



9C7875



4F474A



8F003B



0F0006



# Inverse Universe

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



9C7585



CC8FA8



75999C



4F474A



8F003B

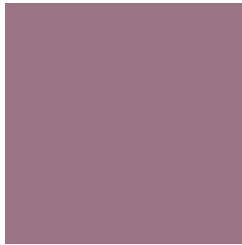


0F0006



# Previews

## White Background



This preview shows how the Hex color 9C7585 looks on a white background.

## Color Contrast Check

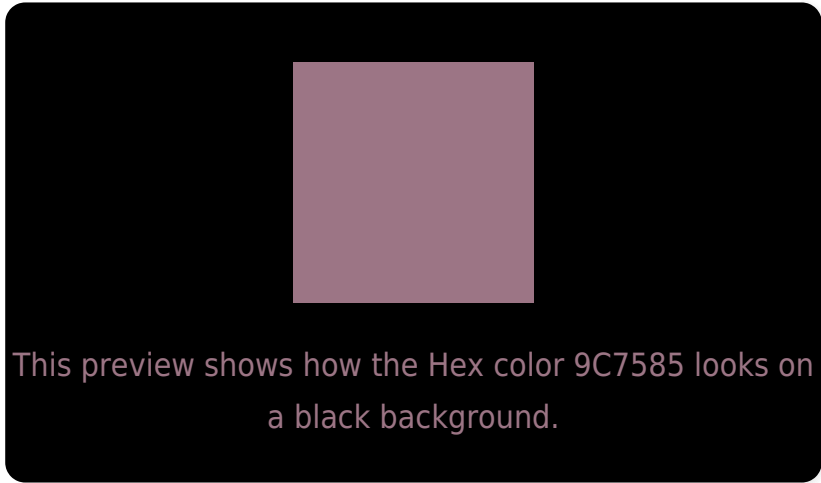
Large Text (above 18pt) WCAG AA ✓ Pass

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

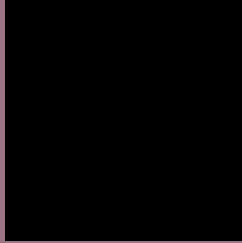
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9C7585 Background



This preview shows how black text looks on a background with the Hex color 9C7585.



This preview shows how white text looks on a background with the Hex color 9C7585.

# 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**  
9C7585

**Protanopia**  
7F7F8B

**Deuteranopia**  
8B7C84



**Tritanopia**  
9B767F

# Trichromacy



**Original Color**  
9C7585

**Protanomaly**  
8A7B89

**Deuteranomaly**  
917984

**Tritanomaly**  
9B7681

# Monochromacy



**Original Color**  
9C7585

**Achromatopsia**  
828282

**Achromatomaly**  
8B7D83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C7585 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 #9C7585 looks like.

```
.text, #text, p{  
    color:#9C7585  
}
```

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 #9C7585 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C7585
}
```

## Border

The CSS property to change the border of an element to Hex 9C7585 is called "border". The border property can be set on classes, ids or directly on the HTML element.

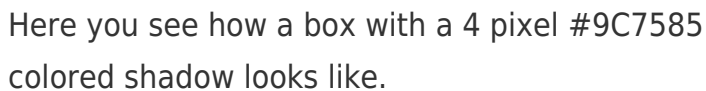
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C7585 }
```

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

```
.border{ border-color:#9C7585 }
```

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



Here you see how a box with a 4 pixel #9C7585 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C7585; -webkit-box-shadow:4px 4px  
4px 4px #9C7585; box-shadow:4px 4px 4px  
4px #9C7585 }
```

# Background

The CSS property to change the background color of an element to Hex 9C7585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C7585 }
```

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

```
.background{ background-color:#9C7585 }
```

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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