

Converting Colors

Hex(9C8183)

Have a look what the booklet for
Hex(9C8183) contains.

Hex(9C8183)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9C8183)

Conversions

Conversions Part 1

Format	Color
Hex	9C8183
RGB	156, 129, 131
RGB Percent	61%, 51%, 51%
CMY	0.3882, 0.4941, 0.4863
CMYK	0.00, 0.17, 0.16, 0.39
HSL	356°, 12%, 56%
HSV	356°, 17%, 61%
XYZ	25.6573, 24.4071, 24.8315
YIQ	137.3010, 15.4500, 6.3460

Conversions

Conversions Part 2

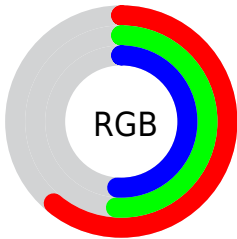
Format	Color
R_{YB}	156, 129, 131
Decimal	10256771
CIE _{Lab}	56.49, 10.67, 2.80
CIE _{LCh}	56, 11.032, 14.680
Yxy	24.4071, 0.3426, 0.3259
Android (android.graphics.Color)	4288446851 (0xFF9C8183)
YUV	137.3010, -3.1064, 16.3990
Hunter-Lab	49.4036, 6.2461, 4.7818

Details

The Hex color **9C8183** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **819C9A**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **D3B6B8**, and **685052** is the 20% darker color. If you saturate the color by 10%, you get **9C7175**, and if you desaturate by 10%, it is **9C9191**.

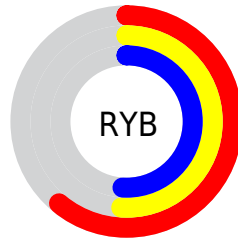
Distribution



Red (61%)

Green (51%)

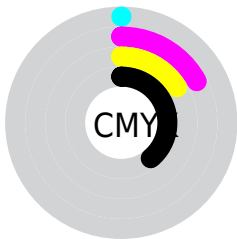
Blue (51%)



Red (61%)

Yellow (51%)

Blue (51%)

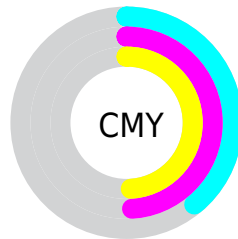


Cyan (0%)

Magenta (17%)

Yellow (16%)

Black (39%)



Cyan (39%)

Magenta (49%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C8183 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 9C8183 by changing the saturation by 10% instead.



9C8183



9C8183

FFFFFF



82686A



D3B6B8



685052



EFD2D4



50393B



FFEEF0



392325



230E10



000000



9C8183



9C8183



9C7175



9C9191



9C6266



9CA0A0

 9C5258

 9CB0AE

 9C4349

 9CBFBD

 9C333B

 9CCFCB

 9C232C

 9CDFDA

 9C141E

 9CEEE8

 9C040F

 9CFEF7

 9C000C

 9CFFFF

Harmonies

Analogous

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



98818D



9C8183



9A827A

Triad

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



9C8183



7F8B7A



788A9A

Complementary

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



9C8183



819C9A

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.



708C95



9C8183



758D82

Square

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



9C8183



8A8875



708D8C



83879A

Rectangle

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



9C8183



978476



708D8C



748B98

Sweetspot

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



9C8183



CCC2C3



9A819C



666060



E6E6E6



666666

Same Dimension

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



9C8183



CCA1A4



9C8C81



4F4748



8F000B



0F0001

Inverse Universe

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



9C8183



CCA1A4



81919C



4F4748



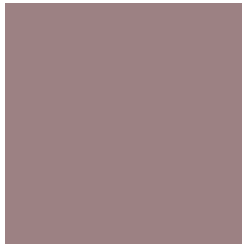
8F000B



0F0001

Previews

White Background



This preview shows how the Hex color 9C8183 looks on a white background.

Color Contrast Check

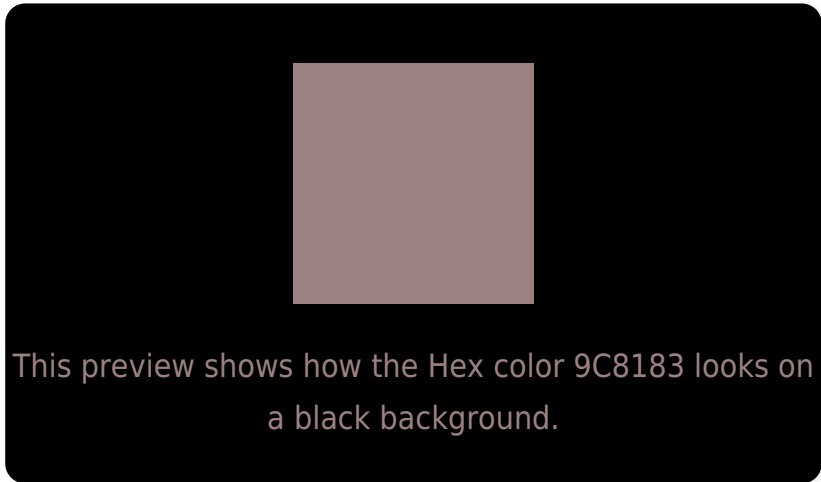
Large Text (above 18pt) WCAG AA ✓ Pass

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

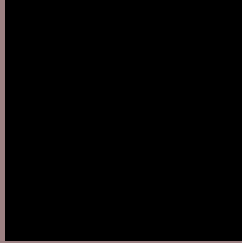
Any Text WCAG AA ✓ Pass

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 9C8183 Background



This preview shows how black text looks on a background with the Hex color 9C8183.



This preview shows how white text looks on a background with the Hex color 9C8183.

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
9C8183

Protanopia
8A8786

Deuteranopia
978383



Tritanopia
9D808A

Trichromacy



Original Color
9C8183

Protanomaly
918585

Deuteranomaly
998283

Tritanomaly
9D8087

Monochromacy



Original Color
9C8183

Achromatopsia
898989

Achromatomaly
908687

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C8183 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 #9C8183 looks like.

```
.text, #text, p{  
    color:#9C8183  
}
```

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 #9C8183 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C8183
}
```

Border

The CSS property to change the border of an element to Hex 9C8183 is called "border". The border property can be set on classes, ids or directly on the HTML element.

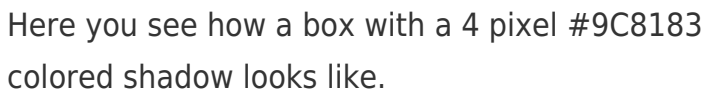
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C8183 }
```

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

```
.border{ border-color:#9C8183 }
```

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



Here you see how a box with a 4 pixel #9C8183 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C8183; -webkit-box-shadow:4px 4px  
4px 4px #9C8183; box-shadow:4px 4px 4px  
4px #9C8183 }
```

Background

The CSS property to change the background color of an element to Hex 9C8183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C8183 }
```

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

```
.background{ background-color:#9C8183 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor