

Converting Colors

Hex(9D8186)

Have a look what the booklet for
Hex(9D8186) contains.

Hex(9D8186)	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(9D8186)

Conversions

Conversions Part 1

Format	Color
Hex	9D8186
RGB	157, 129, 134
RGB Percent	62%, 51%, 53%
CMY	0.3843, 0.4941, 0.4745
CMYK	0.00, 0.18, 0.15, 0.38
HSL	349°, 13%, 56%
HSV	349°, 18%, 62%
XYZ	26.0580, 24.5898, 25.9272
YIQ	137.9420, 15.0830, 7.4910

Conversions

Conversions Part 2

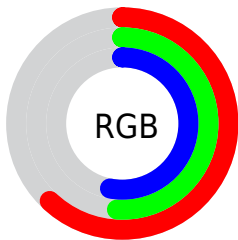
Format	Color
R _Y B	157, 129, 134
Decimal	10322310
CIE Lab	56.67, 11.57, 1.34
CIE LCh	57, 11.645, 6.585
Yxy	24.5898, 0.3403, 0.3211
Android (android.graphics.Color)	4288512390 (0xFF9D8186)
YUV	137.9420, -1.9434, 16.7139
Hunter-Lab	49.5881, 7.0203, 3.7119

Details

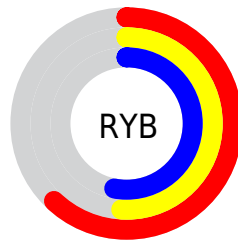
The Hex color **9D8186** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **819D98**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **D4B6BB**, and **695054** is the 20% darker color. If you saturate the color by 10%, you get **9D7179**, and if you desaturate by 10%, it is **9D9193**.

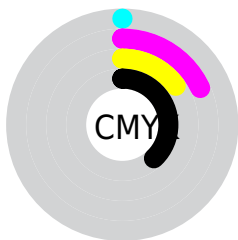
Distribution



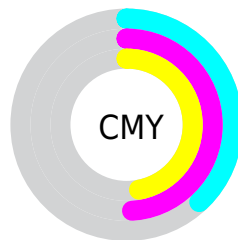
- Red (62%)
- Green (51%)
- Blue (53%)



- Red (62%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (18%)
- Yellow (15%)
- Black (38%)



- Cyan (38%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D8186 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 9D8186 by changing the saturation by 10% instead.



9D8186



9D8186

FFFFFF



83686D



D4B6BB



695054



F0D2D7



51393D



FFEEF3



392328



240E13



000000



9D8186



9D8186



9D7179



9D9193



9D626C



9DA0A0

 9D525F

 9DB0AD

 9D4252

 9DC0BA

 9D3246

 9DD0C6

 9D2339

 9DDFD3

 9D132C

 9DEFEO

 9D031F

 9DFFED

 9D001C

 9DFFFA

Harmonies

Analogous

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



978290



9D8186



9D827C

Triad

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



9D8186



828B78



748B9A

Complementary

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



9D8186



819D98

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.



6E8D94



9D8186



778D80

Square

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



9D8186



8E8874



708E8A



80889C

Rectangle

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



9D8186



9A8477



708E8A



728C98

Sweetspot

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



9D8186



CCC2C4



98819D



666061



E6E6E6



666666

Same Dimension

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



9D8186



CCA1A9



9D8A81



4F4749



8F001A



0F0003

Inverse Universe

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



9D8186



CCA1A9



81949D



4F4749



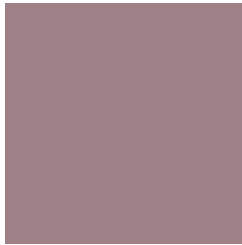
8F001A



0F0003

Previews

White Background



This preview shows how the Hex color 9D8186 looks on a white background.

Color Contrast Check

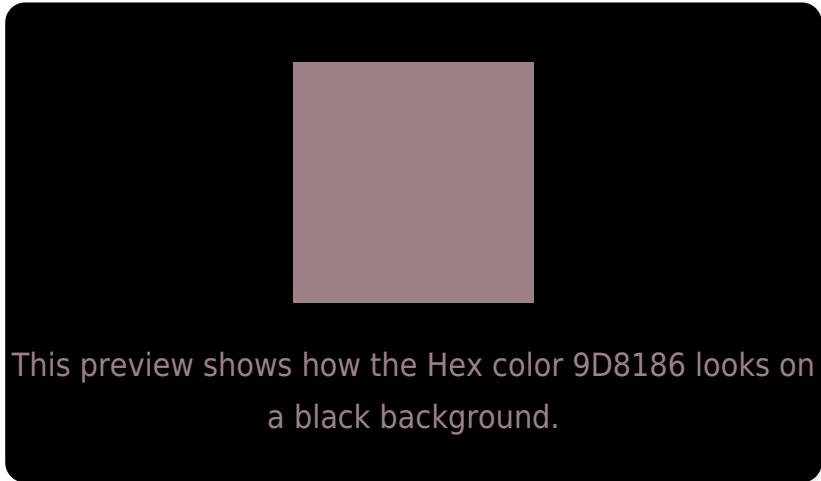
Large Text (above 18pt) WCAG AA ✓ Pass

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

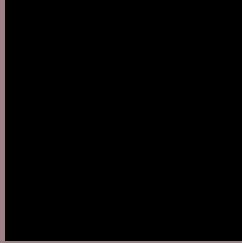
Any Text WCAG AA ✓ Pass

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 9D8186 Background



This preview shows how black text looks on a background with the Hex color 9D8186.



This preview shows how white text looks on a background with the Hex color 9D8186.

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
9D8186

Protanopia
8A878A

Deuteranopia
968485



Tritanopia
9E808A

Trichromacy



Original Color
9D8186

Protanomaly
918589

Deuteranomaly
998385

Tritanomaly
9E8089

Monochromacy



Original Color
9D8186

Achromatopsia
8A8A8A

Achromatomaly
918789

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D8186 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 #9D8186 looks like.

```
.text, #text, p{  
    color:#9D8186  
}
```

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 #9D8186 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D8186
}
```

Border

The CSS property to change the border of an element to Hex 9D8186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

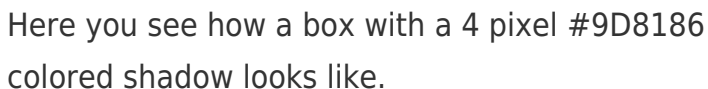
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D8186 }
```

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

```
.border{ border-color:#9D8186 }
```

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



Here you see how a box with a 4 pixel #9D8186 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D8186; -webkit-box-shadow:4px 4px  
4px 4px #9D8186; box-shadow:4px 4px 4px  
4px #9D8186 }
```

Background

The CSS property to change the background color of an element to Hex 9D8186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D8186 }
```

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

```
.background{ background-color:#9D8186 }
```

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