

# Converting Colors

Hex(9D9187)

Have a look what the booklet for  
Hex(9D9187) contains.

<b>Hex(9D9187)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(9D9187)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D9187
RGB	157, 145, 135
RGB Percent	62%, 57%, 53%
CMY	0.3843, 0.4314, 0.4706
CMYK	0.00, 0.08, 0.14, 0.38
HSL	27°, 10%, 57%
HSV	27°, 14%, 62%
XYZ	28.4032, 29.1682, 27.0547
YIQ	147.4480, 10.3620, -0.5660

# Conversions

## Conversions Part 2

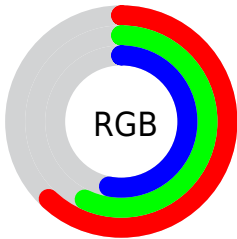
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 153, 135
Decimal	10326407
CIELab	60.93, 2.69, 6.90
CIELCh	61, 7.407, 68.720
Yxy	29.1682, 0.3356, 0.3447
Android (android.graphics.Color)	4288516487 (0xFF9D9187)
YUV	147.4480, -6.1369, 8.3771
Hunter-Lab	54.0076, -0.6380, 8.1044

# Details

The Hex color **9D9187** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **87939D**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **D4C7BC**, and **6A5F55** is the 20% darker color. If you saturate the color by 10%, you get **9D8877**, and if you desaturate by 10%, it is **9D9A97**.

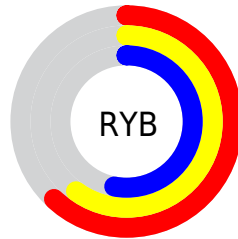
# Distribution



Red (62%)

Green (57%)

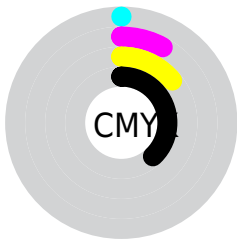
Blue (53%)



Red (62%)

Yellow (60%)

Blue (53%)

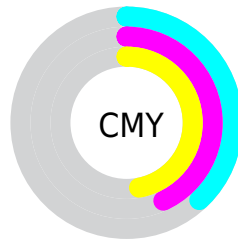


Cyan (0%)

Magenta (8%)

Yellow (14%)

Black (38%)



Cyan (38%)

Magenta (43%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D9187 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 9D9187 by changing the saturation by 10% instead.





9D9187



9D9187

FFFFFF



83776E



D4C7BC



6A5F55



F0E3D8



51473E



FFFFF4



3A3128



241C14



0C0100



000000



9D9187



9D9187



9D8877



9D9A97

 9D8068

 9DA2A6

 9D7758

 9DABB6

 9D6F48

 9DB3C6

 9D6639

 9DBCD6

 9D5E29

 9DC4E5

 9D5519

 9DCDF5

 9D4C09

 9DD6FF

 9D4700

 9DDEFF

# Harmonies

## Analogous

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



A18F8B



9D9187



979386

# Triad

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



9D9187



849795



97919D

# Complementary

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



9D9187



87939D

# 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.



8F93A0



9D9187



83969B

# Square

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



9D9187



88978E



87959F



9D8F98

# Rectangle

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



9D9187



919587



87959F



94919E



# Sweetspot

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



9D9187



CCC8C4



9D8793



666361



E6E6E6



666666



# Same Dimension

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



9D9187



CCB9A9



9D9C87



4F4B47



8F4100



0F0700



# Inverse Universe

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



87939D



A9BCCC



87889D



474B4F



004E8F



00080F



# Previews

## White Background



This preview shows how the Hex color 9D9187 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

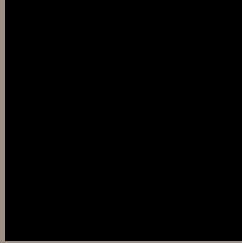
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9D9187 Background



This preview shows how black text looks on a background with the Hex color 9D9187.



This preview shows how white text looks on a background with the Hex color 9D9187.

# 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**  
9D9187

**Protanopia**  
989388

**Deuteranopia**  
A58E88



**Tritanopia**  
9F8E99

# Trichromacy



**Original Color**  
9D9187

**Protanomaly**  
9A9288

**Deuteranomaly**  
A28F88

**Tritanomaly**  
9E8F92

# Monochromacy



**Original Color**  
9D9187

**Achromatopsia**  
939393

**Achromatomaly**  
97928F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D9187 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 #9D9187 looks like.

```
.text, #text, p{  
  color:#9D9187  
}
```

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 #9D9187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D9187
}
```

## Border

The CSS property to change the border of an element to Hex 9D9187 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
#9D9187 }
```

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

```
.border{ border-color:#9D9187 }
```

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

Here you see how a box with a 4 pixel #9D9187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D9187; -webkit-box-shadow:4px 4px  
4px 4px #9D9187; box-shadow:4px 4px 4px  
4px #9D9187 }
```

# Background

The CSS property to change the background color of an element to Hex 9D9187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D9187 }
```

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

```
.background{ background-color:#9D9187 }
```

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