

Converting Colors

Hex(9D9A73)

Have a look what the booklet for
Hex(9D9A73) contains.

Hex(9D9A73)	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(9D9A73)

Conversions

Conversions Part 1

Format	Color
Hex	9D9A73
RGB	157, 154, 115
RGB Percent	62%, 60%, 45%
CMY	0.3843, 0.3961, 0.5490
CMYK	0.00, 0.02, 0.27, 0.38
HSL	56°, 18%, 53%
HSV	56°, 27%, 62%
XYZ	28.5547, 31.5171, 20.7981
YIQ	150.4510, 14.3070, -11.4930

Conversions

Conversions Part 2

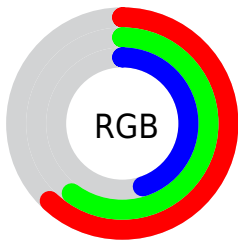
Format	Color
RYB	118, 157, 115
Decimal	10328691
CIELab	62.94, -5.39, 20.92
CIELCh	63, 21.608, 104.447
Yxy	31.5171, 0.3531, 0.3897
Android (android.graphics.Color)	4288518771 (0xFF9D9A73)
YUV	150.4510, -17.4773, 5.7435
Hunter-Lab	56.1401, -7.4541, 17.3331

Details

The Hex color **9D9A73** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **73769D**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **D4D0A7**, and **696743** is the 20% darker color. If you saturate the color by 10%, you get **9D9963**, and if you desaturate by 10%, it is **9D9B83**.

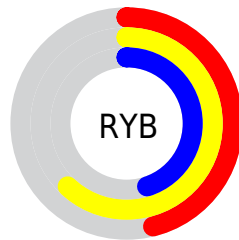
Distribution



Red (62%)

Green (60%)

Blue (45%)



Red (46%)

Yellow (62%)

Blue (45%)

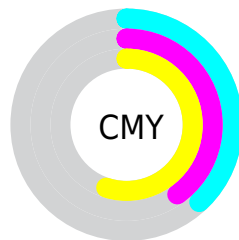


Cyan (0%)

Magenta (2%)

Yellow (27%)

Black (38%)



Cyan (38%)

Magenta (40%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D9A73 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 9D9A73 by changing the saturation by 10% instead.

 9D9A73

 9D9A73


FFFFFF

 83805A

 D4D0A7

 696743

 F1EDC2

 514F2C

 FFFFDE

 393817

 FFFFFB

 242300

 030E00

 000000

 9D9A73

 9D9A73

 9D9963

 9D9B83

 9D9854

 9D9C92

 9D9744

 9D9DA2

 9D9634

 9D9EB2

 9D9424

 9DA0C2

 9D9315

 9DA1D1

 9D9205

 9DA2E1

 9D9200

 9DA3F1

 9DA4FF

Harmonies

Analogous

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



B09474



9D9A73



879F7C

Triad

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



9D9A73



63A1B2



B88CA3

Complementary

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



9D9A73



73769D

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.



A790B4



9D9A73



749DBD

Square

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



9D9A73



63A3A1



8E97BD



C08B90

Rectangle

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



9D9A73



79A287



8E97BD



B48DA9

Sweetspot

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



9D9A73



CCCBBC



9D7376



66655C



E6E6E6



666666

Same Dimension

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



9D9A73



CCC78B



8C9D73



4F4E47



8F8500



0F0E00

Inverse Universe

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



73769D



8B8FCC



85739D



47484F



000A8F



00010F

Previews

White Background



This preview shows how the Hex color 9D9A73 looks on a white background.

Color Contrast Check

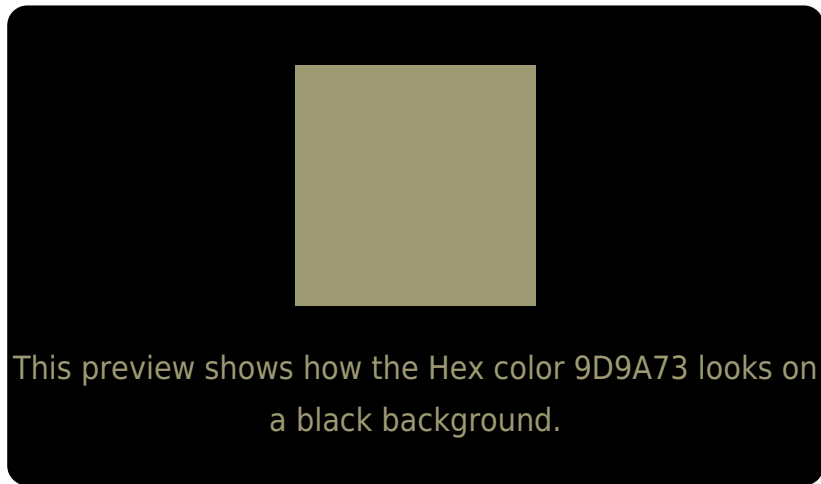
Large Text (above 18pt) WCAG AA × Fail

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

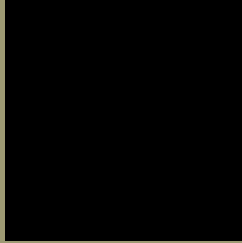
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 9D9A73 Background



This preview shows how black text looks on a background with the Hex color 9D9A73.



This preview shows how white text looks on a background with the Hex color 9D9A73.

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
9D9A73

Protanopia
A39872

Deuteranopia
B39275



Tritanopia
A394A0

Trichromacy



Original Color
9D9A73

Protanomaly
A19972

Deuteranomaly
AB9574

Tritanomaly
A19690

Monochromacy



Original Color
9D9A73

Achromatopsia
969696

Achromatomaly
999789

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D9A73 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 #9D9A73 looks like.

```
.text, #text, p{  
    color:#9D9A73  
}
```

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 #9D9A73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D9A73
}
```

Border

The CSS property to change the border of an element to Hex 9D9A73 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
#9D9A73 }
```

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

```
.border{ border-color:#9D9A73 }
```

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

Here you see how a box with a 4 pixel #9D9A73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D9A73; -webkit-box-shadow:4px 4px  
4px 4px #9D9A73; box-shadow:4px 4px 4px  
4px #9D9A73 }
```

Background

The CSS property to change the background color of an element to Hex 9D9A73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D9A73 }
```

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

```
.background{ background-color:#9D9A73 }
```

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