

Converting Colors

Hex(9B9772)

Have a look what the booklet for
Hex(9B9772) contains.

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Color

Hex(9B9772)

Conversions

Conversions Part 1

Format	Color
Hex	9B9772
RGB	155, 151, 114
RGB Percent	61%, 59%, 45%
CMY	0.3922, 0.4078, 0.5529
CMYK	0.00, 0.03, 0.26, 0.39
HSL	54°, 17%, 53%
HSV	54°, 26%, 61%
XYZ	27.6214, 30.3167, 20.3155
YIQ	147.9780, 14.2610, -10.6590

Conversions

Conversions Part 2

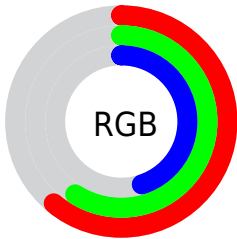
Format	Color
RYB	118, 155, 114
Decimal	10196850
CIELab	61.93, -4.70, 20.07
CIELCh	62, 20.616, 103.189
Yxy	30.3167, 0.3530, 0.3874
Android (android.graphics.Color)	4288386930 (0xFF9B9772)
YUV	147.9780, -16.7512, 6.1583
Hunter-Lab	55.0606, -6.8105, 16.6664

Details

The Hex color **9B9772** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **72769B**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **D2CDA6**, and **676442** is the 20% darker color. If you saturate the color by 10%, you get **9B9563**, and if you desaturate by 10%, it is **9B9982**.

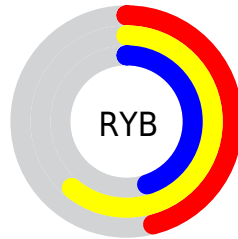
Distribution



Red (61%)

Green (59%)

Blue (45%)



Red (46%)

Yellow (61%)

Blue (45%)

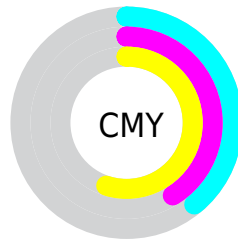


Cyan (0%)

Magenta (3%)

Yellow (26%)

Black (39%)



Cyan (39%)

Magenta (41%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B9772 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 9B9772 by changing the saturation by 10% instead.



9B9772



9B9772

FFFFFF



817D59



D2CDA6



676442



EEE9C1



4F4C2B



FFFFDD



373616



FFFFA



232000



000A00



000000



9B9772



9B9772



9B9563



9B9982

 9B9453

 9B9A91

 9B9244

 9B9CA1

 9B9134

 9B9DB0

 9B8F25

 9B9FC0

 9B8E15

 9BA0CF

 9B8C06

 9BA2DF

 9B8C00

 9BA3EE

 9BA5FE

Harmonies

Analogous

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



AD9173



9B9772



869C7B

Triad

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



9B9772



639EAE



B48AA1

Complementary

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



9B9772



72769B

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.



A38E80



9B9772



739AB8

Square

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



9B9772



64A09D



8B95B9



BB898E

Rectangle

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



9B9772



799E85



8B95B9



AF8BA6

Sweetspot

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



9B9772



C9C8B9



9B7276



66655C



E6E6E6



666666

Same Dimension

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



9B9772



C9C389



8B9B72



4D4C45



8C7F00



0D0C00

Inverse Universe

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



72769B



898FC9



82729B



45464D



000E8C



00010D

Previews

White Background



This preview shows how the Hex color 9B9772 looks on a white background.

Color Contrast Check

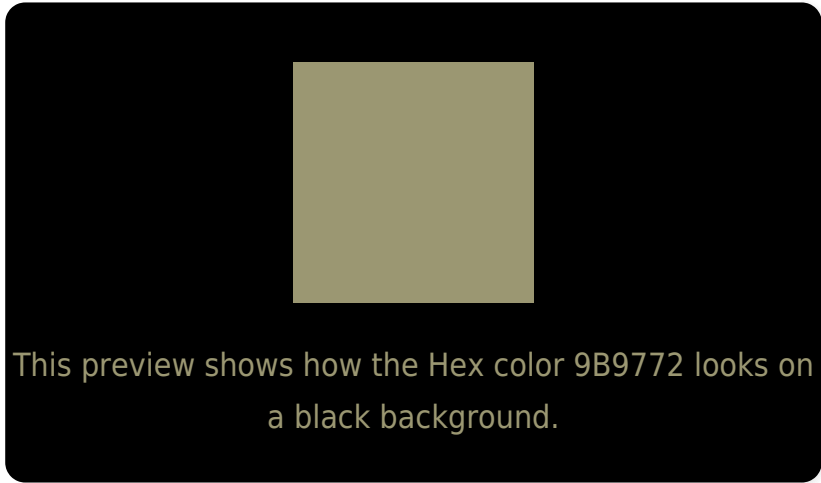
Large Text (above 18pt) WCAG AA × Fail

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

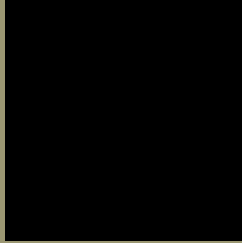
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

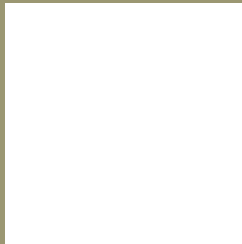
Any Text WCAG AAA ✓ Pass

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

Hex 9B9772 Background



This preview shows how black text looks on a background with the Hex color 9B9772.



This preview shows how white text looks on a background with the Hex color 9B9772.

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
9B9772

Protanopia
A09571

Deuteranopia
AF9074



Tritanopia
A0919D

Trichromacy



Original Color
9B9772

Protanomaly
9E9671

Deuteranomaly
A89373

Tritanomaly
9E938D

Monochromacy



Original Color
9B9772

Achromatopsia
949494

Achromatomaly
979588

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B9772 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 #9B9772 looks like.

```
.text, #text, p{  
    color:#9B9772  
}
```

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 #9B9772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B9772
}
```

Border

The CSS property to change the border of an element to Hex 9B9772 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
#9B9772 }
```

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

```
.border{ border-color:#9B9772 }
```

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

Here you see how a box with a 4 pixel #9B9772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B9772; -webkit-box-shadow:4px 4px  
4px 4px #9B9772; box-shadow:4px 4px 4px  
4px #9B9772 }
```

Background

The CSS property to change the background color of an element to Hex 9B9772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B9772 }
```

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

```
.background{ background-color:#9B9772 }
```

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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