

Converting Colors

Hex(9B8847)

Have a look what the booklet for
Hex(9B8847) contains.

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Color

Hex(9B8847)

Conversions

Conversions Part 1

Format	Color
Hex	9B8847
RGB	155, 136, 71
RGB Percent	61%, 53%, 28%
CMY	0.3922, 0.4667, 0.7216
CMYK	0.00, 0.12, 0.54, 0.39
HSL	46°, 37%, 44%
HSV	46°, 54%, 61%
XYZ	23.4591, 25.0318, 9.5564
YIQ	134.2710, 32.1890, -16.1870

Conversions

Conversions Part 2

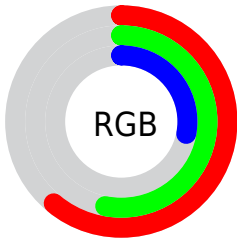
Format	Color
R_{YB}	96, 155, 71
Decimal	10192967
CIE _{Lab}	57.11, -1.48, 37.16
CIE _{LCh}	57, 37.194, 92.275
Yxy	25.0318, 0.4041, 0.4312
Android (android.graphics.Color)	4288383047 (0xFF9B8847)
YUV	134.2710, -31.1926, 18.1793
Hunter-Lab	50.0318, -3.8601, 23.6974

Details

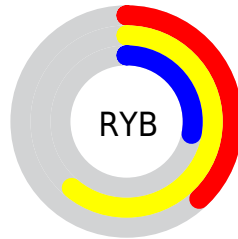
The Hex color **9B8847** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **475A9B**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **D3BD79**, and **655717** is the 20% darker color. If you saturate the color by 10%, you get **9B8438**, and if you desaturate by 10%, it is **9B8C57**.

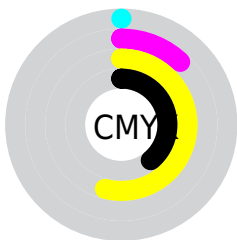
Distribution



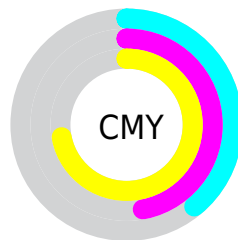
- Red (61%)
- Green (53%)
- Blue (28%)



- Red (38%)
- Yellow (61%)
- Blue (28%)



- Cyan (0%)
- Magenta (12%)
- Yellow (54%)
- Black (39%)



- Cyan (39%)
- Magenta (47%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B8847 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 9B8847 by changing the saturation by 10% instead.



9B8847



9B8847

FFFFFF



806F2F



D3BD79



655717



F0D993



4C3F00



FFF5AE



332A00



FFFFCA



1B1600



FFFFE6



000000



9B8847



9B8847



9B8438



9B8C57



9B8128



9B8F66

 9B7D19

 9B9376

 9B7A09

 9B9685

 9B7800

 9B9A95

 9B9DA4

 9BA1B4

 9BA4C3

 9BA8D3

Harmonies

Analogous

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



B67D50



9B8847



799151

Triad

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



9B8847



0099AB



B474A8

Complementary

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



9B8847



475A9B

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.



8F80C0



9B8847



0094C2

Square

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



9B8847



0C9A8B



5A8CCA



C56F88

Rectangle

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



9B8847



5F9660



5A8CCA



A978B1

Sweetspot

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



9B8847



C9C2A9



9B475B



666253



E6E6E6



666666

Same Dimension

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



9B8847



C9AC47



859B47



4D4B45



8C6D00



0D0A00

Inverse Universe

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



475A9B



4764C9



5D479B



45474D



00208C



00030D

Previews

White Background



This preview shows how the Hex color 9B8847 looks on a white background.

Color Contrast Check

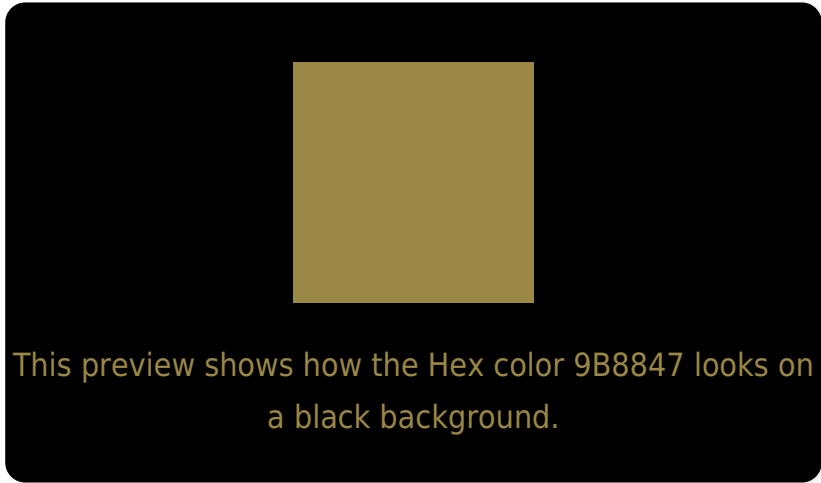
Large Text (above 18pt) WCAG AA ✓ Pass

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

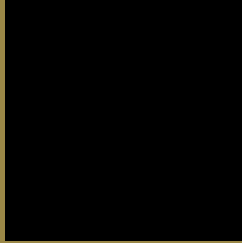
Any Text WCAG AA ✓ Pass

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 9B8847 Background



This preview shows how black text looks on a background with the Hex color 9B8847.



This preview shows how white text looks on a background with the Hex color 9B8847.

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
9B8847

Protanopia
978947

Deuteranopia
A88348



Tritanopia
A1808A

Trichromacy



Original Color
9B8847

Protanomaly
988947

Deuteranomaly
A38548

Tritanomaly
9F8372

Monochromacy



Original Color
9B8847

Achromatopsia
868686

Achromatomaly
8E876F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B8847 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 #9B8847 looks like.

```
.text, #text, p{  
    color:#9B8847  
}
```

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 #9B8847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B8847
}
```

Border

The CSS property to change the border of an element to Hex 9B8847 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
#9B8847 }
```

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

```
.border{ border-color:#9B8847 }
```

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

Here you see how a box with a 4 pixel #9B8847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B8847; -webkit-box-shadow:4px 4px  
4px 4px #9B8847; box-shadow:4px 4px 4px  
4px #9B8847 }
```

Background

The CSS property to change the background color of an element to Hex 9B8847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B8847 }
```

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

```
.background{ background-color:#9B8847 }
```

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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