

# Converting Colors

Hex(9B9871)

Have a look what the booklet for  
Hex(9B9871) contains.

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# **Color**

**Hex(9B9871)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B9871
RGB	155, 152, 113
RGB Percent	61%, 60%, 44%
CMY	0.3922, 0.4039, 0.5569
CMYK	0.00, 0.02, 0.27, 0.39
HSL	56°, 17%, 53%
HSV	56°, 27%, 61%
XYZ	27.7264, 30.6173, 20.0712
YIQ	148.4510, 14.3070, -11.4930

# Conversions

## Conversions Part 2

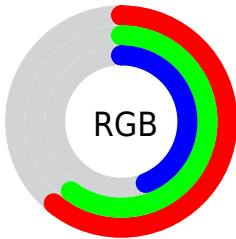
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 155, 113
Decimal	10197105
CIELab	62.18, -5.39, 20.97
CIELCh	62, 21.656, 104.414
Yxy	30.6173, 0.3536, 0.3905
Android (android.graphics.Color)	4288387185 (0xFF9B9871)
YUV	148.4510, -17.4773, 5.7435
Hunter-Lab	55.3329, -7.3890, 17.2265

# Details

The Hex color **9B9871** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **71749B**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **D2CEA5**, and **676541** is the 20% darker color. If you saturate the color by 10%, you get **9B9762**, and if you desaturate by 10%, it is **9B9981**.

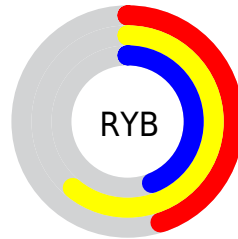
# Distribution



Red (61%)

Green (60%)

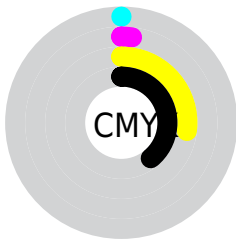
Blue (44%)



Red (45%)

Yellow (61%)

Blue (44%)

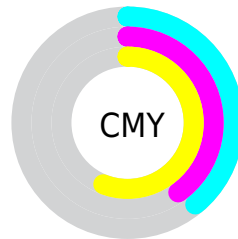


Cyan (0%)

Magenta (2%)

Yellow (27%)

Black (39%)



Cyan (39%)

Magenta (40%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B9871 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 9B9871 by changing the saturation by 10% instead.



 9B9871

 9B9871

FFFFFF

 817E58

 D2CEA5

 676541

 EEEAC0

 4F4D2A

 FFFFDC

 373715

 FFFFF9

 232100

 000C00

 000000

 9B9871

 9B9871

 9B9762

 9B9981

 9B9652

 9B9A90

 9B9543

 9B9BA0

 9B9433

 9B9CAF

 9B9223

 9B9EBE

 9B9114

 9B9FCE

 9B9005

 9BA0DE

 9B9000

 9BA1ED

 9BA2FC

# Harmonies

## Analogous

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



AE9272



9B9871



859D7A

# Triad

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



9B9871



619FB0



B68AA1

# Complementary

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



9B9871



71749B

# 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.



A58EB2



9B9871



729BBB

# Square

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



9B9871



61A19F



8C95BB



BE898E

# Rectangle

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



9B9871



77A085



8C95BB



B28BA7



# Sweetspot

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



9B9871



C9C8B9



9B7174



66655C



E6E6E6



666666



# Same Dimension

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



9B9871



C9C587



8A9B71



4D4C45



8C8200



0D0C00



# Inverse Universe

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



71749B



878CC9



83719B



45454D



000A8C



00010D



# Previews

## White Background



This preview shows how the Hex color 9B9871 looks on a white background.

## Color Contrast Check

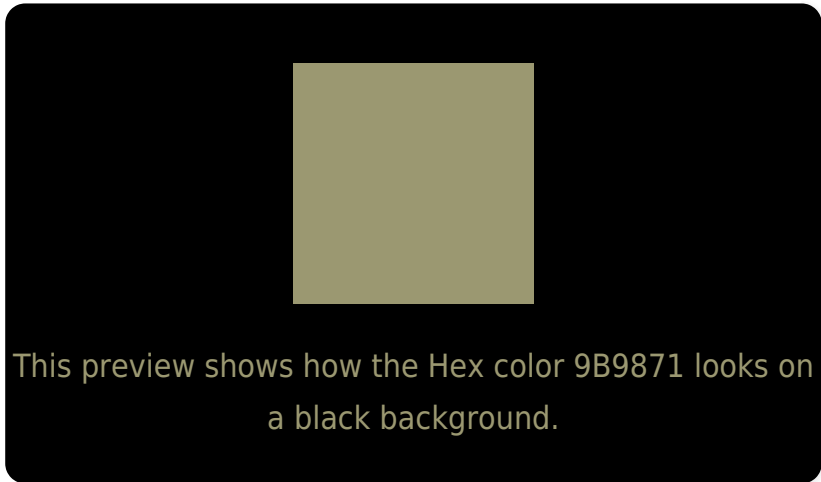
Large Text (above 18pt) WCAG AA × Fail

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

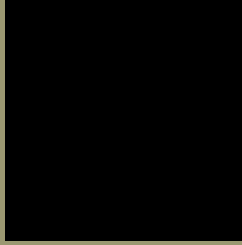
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

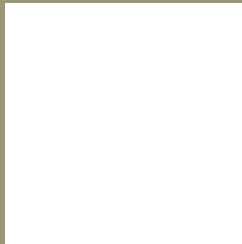
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9B9871 Background



This preview shows how black text looks on a background with the Hex color 9B9871.

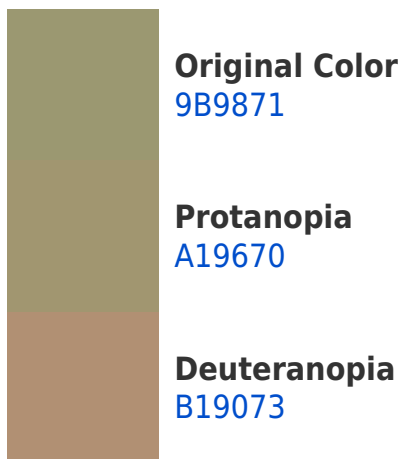



This preview shows how white text looks on a background with the Hex color 9B9871.

# 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





**Tritanopia**  
A1929E

# Trichromacy



**Original Color**  
9B9871

**Protanomaly**  
9F9770

**Deuteranomaly**  
A99372

**Tritanomaly**  
9F948E

# Monochromacy



**Original Color**  
9B9871

**Achromatopsia**  
949494

**Achromatomaly**  
979587

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B9871 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 #9B9871 looks like.

```
.text, #text, p{  
    color:#9B9871  
}
```

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 #9B9871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B9871
}
```

## Border

The CSS property to change the border of an element to Hex 9B9871 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
#9B9871 }
```

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

```
.border{ border-color:#9B9871 }
```

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

Here you see how a box with a 4 pixel #9B9871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B9871; -webkit-box-shadow:4px 4px  
4px 4px #9B9871; box-shadow:4px 4px 4px  
4px #9B9871 }
```

# Background

The CSS property to change the background color of an element to Hex 9B9871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B9871 }
```

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

```
.background{ background-color:#9B9871 }
```

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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