

Converting Colors

Hex(9B986A)

Have a look what the booklet for
Hex(9B986A) contains.

Hex(9B986A)	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(9B986A)

Conversions

Conversions Part 1

Format	Color
Hex	9B986A
RGB	155, 152, 106
RGB Percent	61%, 60%, 42%
CMY	0.3922, 0.4039, 0.5843
CMYK	0.00, 0.02, 0.32, 0.39
HSL	56°, 20%, 51%
HSV	56°, 32%, 61%
XYZ	27.3473, 30.4656, 18.0748
YIQ	147.6530, 16.5540, -13.6700

Conversions

Conversions Part 2

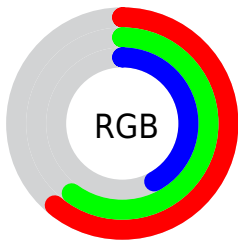
Format	Color
RYB	109, 155, 106
Decimal	10197098
CIELab	62.05, -6.35, 24.66
CIELCh	62, 25.463, 104.446
Yxy	30.4656, 0.3604, 0.4015
Android (android.graphics.Color)	4288387178 (0xFF9B986A)
YUV	147.6530, -20.5349, 6.4433
Hunter-Lab	55.1957, -8.1526, 19.2215

Details

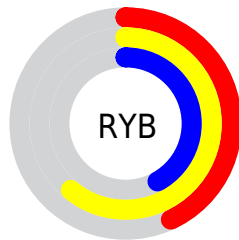
The Hex color **9B986A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6A6D9B**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **D2CE9E**, and **67653A** is the 20% darker color. If you saturate the color by 10%, you get **9B975B**, and if you desaturate by 10%, it is **9B997A**.

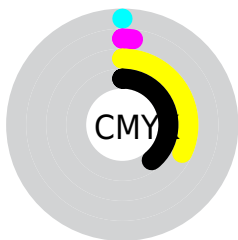
Distribution



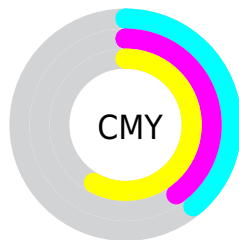
- Red (61%)
- Green (60%)
- Blue (42%)



- Red (43%)
- Yellow (61%)
- Blue (42%)



- Cyan (0%)
- Magenta (2%)
- Yellow (32%)
- Black (39%)



- Cyan (39%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B986A 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 9B986A by changing the saturation by 10% instead.



9B986A



9B986A

FFFFFF



817E52



D2CE9E



67653A



EFEAB9



4E4D24



FFFFD5



37370E



FFFFF1



212100



000C00



000000



9B986A



9B986A



9B975B



9B997A

 9B964B

 9B9A89

 9B953C

 9B9B99

 9B942C

 9B9CA8

 9B931D

 9B9DB8

 9B920D

 9B9EC7

 9B9200

 9B9FD6

 9BA0E6

 9BA1F6

Harmonies

Analogous

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



B1906B



9B986A



829E75

Triad

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



9B986A



53A1B5



BB87A3

Complementary

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



9B986A



6A6D9B

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.



A78CB6



9B986A



699CC1

Square

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



9B986A



54A3A0



8994C1



C3868C

Rectangle

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



9B986A



70A182



8994C1



B688AA

Sweetspot

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



9B986A



C9C8B7



9B6A6D



66655B



E6E6E6



666666

Same Dimension

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



9B986A



C9C57D



869B6A



4D4C45



8C8400



0D0C00

Inverse Universe

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



6A6D9B



7D82C9



7F6A9B



45454D



00098C



00010D

Previews

White Background



This preview shows how the Hex color 9B986A looks on a white background.

Color Contrast Check

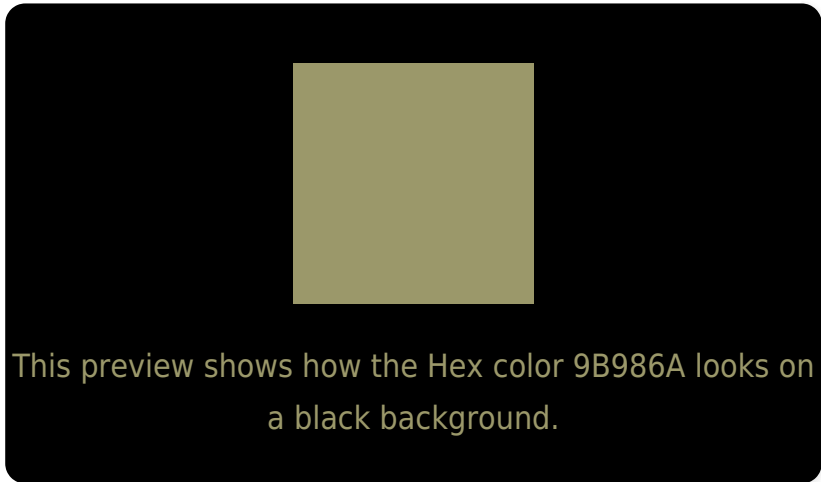
Large Text (above 18pt) WCAG AA × Fail

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

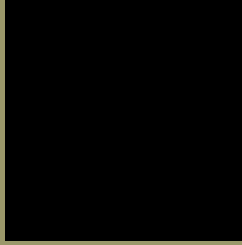
Any Text WCAG AA ✓ Pass

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 9B986A Background



This preview shows how black text looks on a background with the Hex color 9B986A.



This preview shows how white text looks on a background with the Hex color 9B986A.

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
9B986A

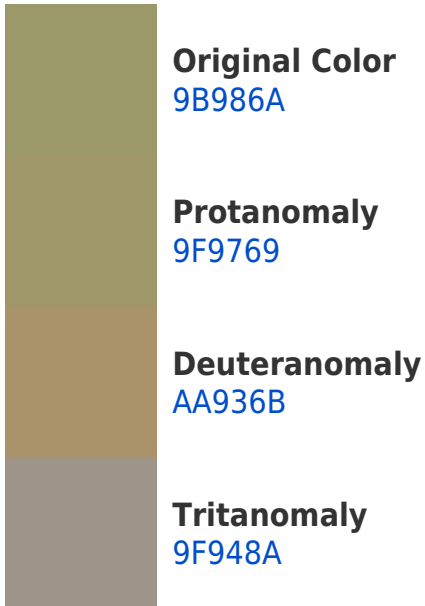
Protanopia
A29669

Deuteranopia
B2906C

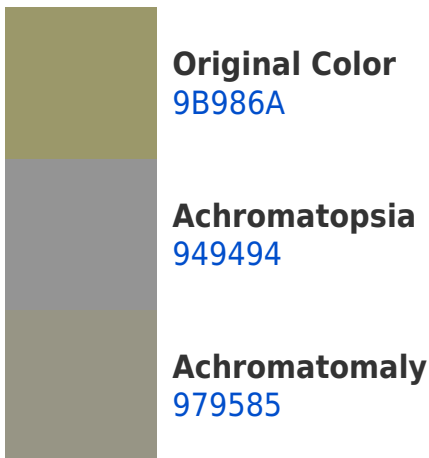


Tritanopia
A1919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B986A 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 #9B986A looks like.

```
.text, #text, p{  
    color:#9B986A  
}
```

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 #9B986A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B986A
}
```

Border

The CSS property to change the border of an element to Hex 9B986A 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
#9B986A }
```

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

```
.border{ border-color:#9B986A }
```

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

Here you see how a box with a 4 pixel #9B986A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B986A; -webkit-box-shadow:4px 4px  
4px 4px #9B986A; box-shadow:4px 4px 4px  
4px #9B986A }
```

Background

The CSS property to change the background color of an element to Hex 9B986A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B986A }
```

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

```
.background{ background-color:#9B986A }
```

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