

# Converting Colors

Hex(988E5A)

Have a look what the booklet for  
Hex(988E5A) contains.

<b>Hex(988E5A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(988E5A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	988E5A
RGB	152, 142, 90
RGB Percent	60%, 56%, 35%
CMY	0.4039, 0.4431, 0.6471
CMYK	0.00, 0.07, 0.41, 0.40
HSL	50°, 26%, 47%
HSV	50°, 41%, 60%
XYZ	24.4674, 26.7596, 13.5484
YIQ	139.0620, 22.6520, -14.0520

# Conversions

## Conversions Part 2

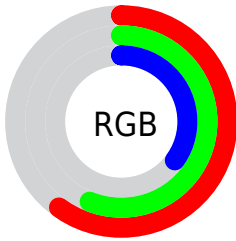
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 152, 90
Decimal	9997914
CIELab	58.75, -4.14, 29.03
CIELCh	59, 29.326, 98.107
Yxy	26.7596, 0.3777, 0.4131
Android (android.graphics.Color)	4288187994 (0xFF988E5A)
YUV	139.0620, -24.1876, 11.3466
Hunter-Lab	51.7297, -6.0991, 20.6823

# Details

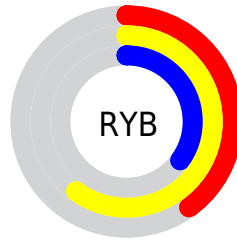
The Hex color **988E5A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5A6498**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **CFC48D**, and **645C2B** is the 20% darker color. If you saturate the color by 10%, you get **988C4B**, and if you desaturate by 10%, it is **989069**.

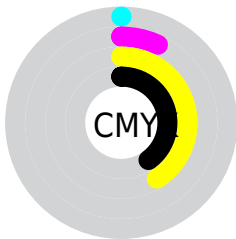
# Distribution



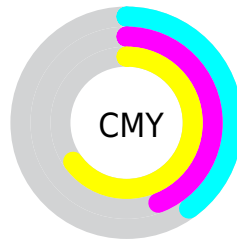
- Red (60%)
- Green (56%)
- Blue (35%)



- Red (40%)
- Yellow (60%)
- Blue (35%)



- Cyan (0%)
- Magenta (7%)
- Yellow (41%)
- Black (40%)



- Cyan (40%)
- Magenta (44%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 988E5A 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 988E5A by changing the saturation by 10% instead.



 988E5A

 988E5A

FFFFFF

 7D7542

 CFC48D

 645C2B

 ECDFA7

 4B4514

 FFFCC3

 332E00

 FFFFDF

 1C1A00

 FFFFFC

 000000

 988E5A

 988E5A

 988C4B

 989069

 98893C

 989378

 98872C

 989588

 98841D

 989897

 98820E

 989AA6

 987F00

 989DB5

 989FC4

 98A2D4

 98A4E3

# Harmonies

## Analogous

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



AF855E



988E5A



7C9564

# Triad

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



988E5A



339AAC



B47CA1

# Complementary

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



988E5A



5A6498

# 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.



9A84B6



988E5A



4D95BC

# Square

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



988E5A



3F9B94



758DC0



C07A87

# Rectangle

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



988E5A



689971



758DC0



AC7FA9



# Sweetspot

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



988E5A



C4C1AD



985A64



636156



E3E3E3



636363



# Same Dimension

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



988E5A



C4B564



83985A



4D4B45



8C7600



0D0B00



# Inverse Universe

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



5A6498



6474C4



6F5A98



45464D



00178C



00020D



# Previews

## White Background



This preview shows how the Hex color 988E5A looks on a white background.

## Color Contrast Check

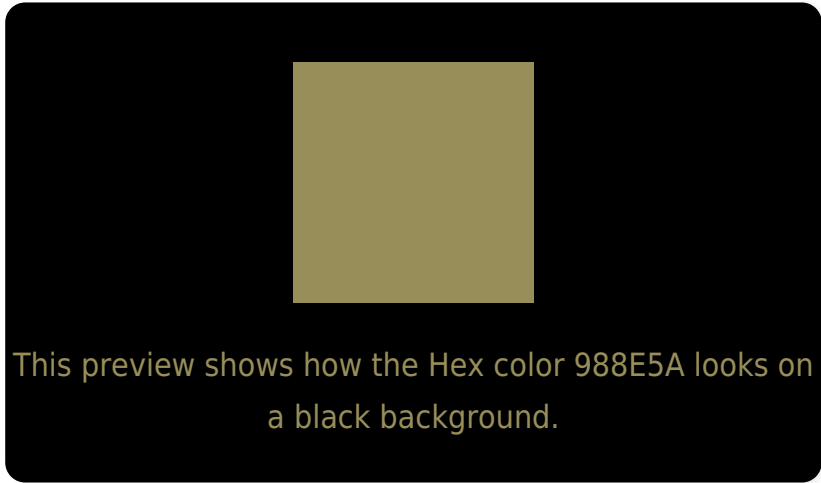
Large Text (above 18pt) WCAG AA ✓ Pass

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

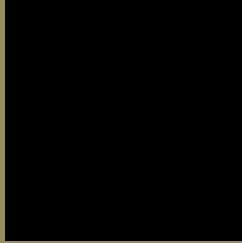
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 988E5A Background



This preview shows how black text looks on a background with the Hex color 988E5A.



This preview shows how white text looks on a background with the Hex color 988E5A.

# 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**  
988E5A

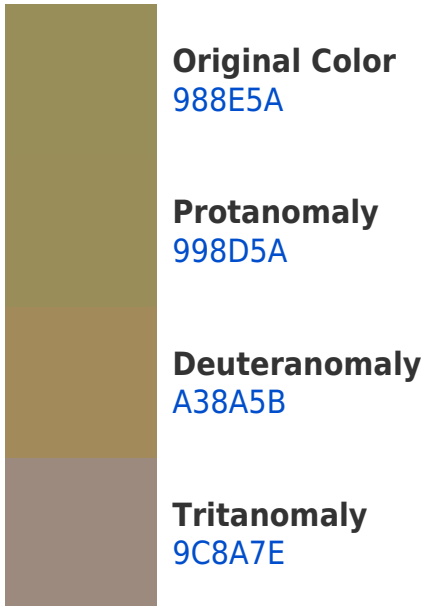
**Protanopia**  
9A8D5A

**Deuteranopia**  
AA875C

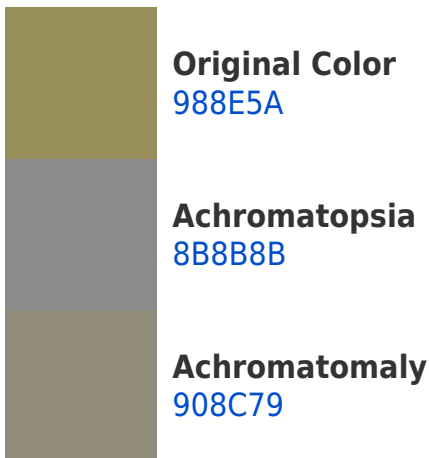


**Tritanopia**  
9E8792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 988E5A 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 #988E5A looks like.

```
.text, #text, p{  
    color:#988E5A  
}
```

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 #988E5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #988E5A
}
```

## Border

The CSS property to change the border of an element to Hex 988E5A 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
#988E5A }
```

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

```
.border{ border-color:#988E5A }
```

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

Here you see how a box with a 4 pixel #988E5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #988E5A; -webkit-box-shadow:4px 4px  
4px 4px #988E5A; box-shadow:4px 4px 4px  
4px #988E5A }
```

# Background

The CSS property to change the background color of an element to Hex 988E5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#988E5A }
```

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

```
.background{ background-color:#988E5A }
```

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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