

# Converting Colors

Hex(98846A)

Have a look what the booklet for  
Hex(98846A) contains.

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**Color**

**Hex(98846A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98846A
RGB	152, 132, 106
RGB Percent	60%, 52%, 42%
CMY	0.4039, 0.4824, 0.5843
CMYK	0.00, 0.13, 0.30, 0.40
HSL	34°, 18%, 51%
HSV	34°, 30%, 60%
XYZ	23.8017, 24.2185, 17.0558
YIQ	135.0160, 20.2660, -3.8460

# Conversions

## Conversions Part 2

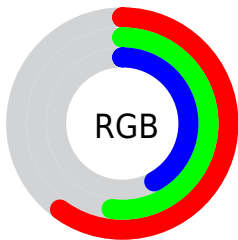
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 152, 106
Decimal	9995370
CIELab	56.31, 3.49, 16.85
CIElCh	56, 17.211, 78.290
Yxy	24.2185, 0.3658, 0.3722
Android (android.graphics.Color)	4288185450 (0xFF98846A)
YUV	135.0160, -14.3049, 14.8950
Hunter-Lab	49.2123, 0.2104, 13.9001

# Details

The Hex color **98846A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6A7E98**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **CFB99D**, and **64533B** is the 20% darker color. If you saturate the color by 10%, you get **987D5B**, and if you desaturate by 10%, it is **988B79**.

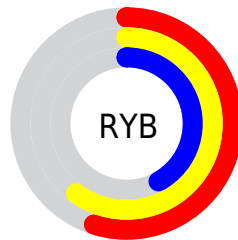
# Distribution



Red (60%)

Green (52%)

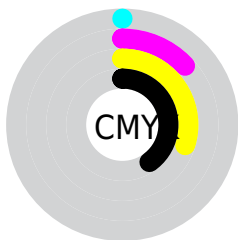
Blue (42%)



Red (55%)

Yellow (60%)

Blue (42%)

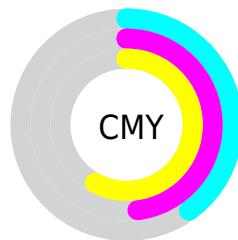


Cyan (0%)

Magenta (13%)

Yellow (30%)

Black (40%)



Cyan (40%)

Magenta (48%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98846A 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 98846A by changing the saturation by 10% instead.



 98846A

 98846A

FFFFFF

 7E6B52

 CFB99D

 64533B

 EBD5B8

 4C3C25

 FFF1D4

 342610

 FFFFF0

 1F1200

 000000

 98846A

 98846A

 987D5B

 988B79

 98774C

 989188

 98703C

 989898

 986A2D

 989EA7

 98631E

 98A5B6

 985C0F

 98ACC5

 985600

 98B2D4

 98B9E4

 98BFF3

# Harmonies

## Analogous

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



A37F71



98846A



89896B

# Triad

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



98846A



5E9090



95809B

# Complementary

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



98846A



6A7E98

# 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.



8285A3



98846A



608E9D

# Square

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



98846A



688F80



6E8AA4



A17D8E

# Rectangle

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



98846A



7D8C6F



6E8AA4



8F829E



# Sweetspot

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



98846A



C4BDB3



986A7F



635F59



E3E3E3



636363



# Same Dimension

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



98846A



C4A67E



96986A



4D4945



8C4F00



0D0700



# Inverse Universe

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



6A7E98



7E9CC4



6C6A98



45484D



003D8C



00060D



# Previews

## White Background



This preview shows how the Hex color 98846A looks on a white background.

## Color Contrast Check

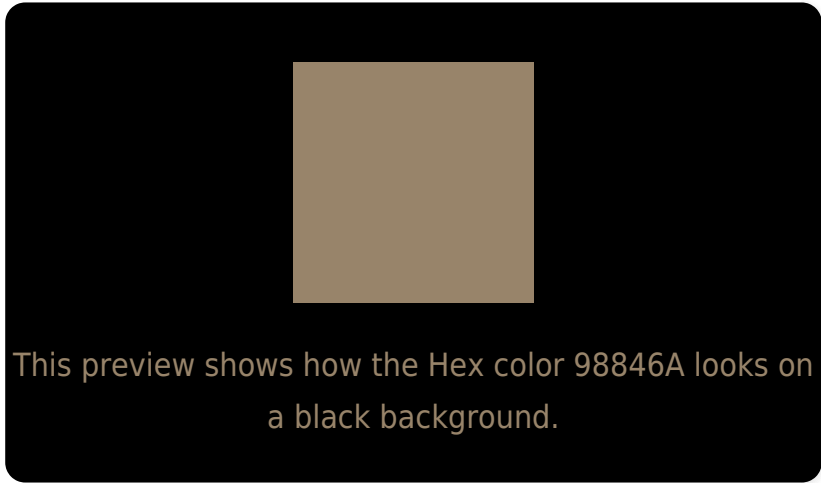
Large Text (above 18pt) WCAG AA ✓ Pass

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

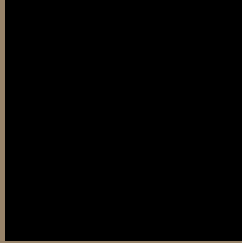
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 98846A Background



This preview shows how black text looks on a background with the Hex color 98846A.



This preview shows how white text looks on a background with the Hex color 98846A.

# 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**  
98846A

**Protanopia**  
90876B

**Deuteranopia**  
9E826A



**Tritanopia**  
9C808A

# Trichromacy



**Original Color**  
98846A

**Protanomaly**  
93866B

**Deuteranomaly**  
9C836A

**Tritanomaly**  
9B817E

# Monochromacy



**Original Color**  
98846A

**Achromatopsia**  
878787

**Achromatomaly**  
8D867C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98846A 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 #98846A looks like.

```
.text, #text, p{  
    color:#98846A  
}
```

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 #98846A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98846A
}
```

## Border

The CSS property to change the border of an element to Hex 98846A 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
#98846A }
```

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

```
.border{ border-color:#98846A }
```

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

Here you see how a box with a 4 pixel #98846A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98846A; -webkit-box-shadow:4px 4px  
4px 4px #98846A; box-shadow:4px 4px 4px  
4px #98846A }
```

# Background

The CSS property to change the background color of an element to Hex 98846A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98846A }
```

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

```
.background{ background-color:#98846A }
```

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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