

# Converting Colors

Hex(98736B)

Have a look what the booklet for  
Hex(98736B) contains.

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# Color

**Hex(98736B)**

# Conversions

Conversions Part 1	
Format	Color
Hex	98736B
RGB	152, 115, 107
RGB Percent	60%, 45%, 42%
CMY	0.4039, 0.5490, 0.5804
CMYK	0.00, 0.24, 0.30, 0.40
HSL	11°, 18%, 51%
HSV	11°, 30%, 60%
XYZ	21.7335, 19.9984, 16.6245
YIQ	125.1510, 24.6200, 5.3560

# Conversions

## Conversions Part 2

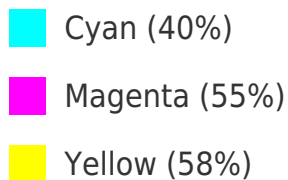
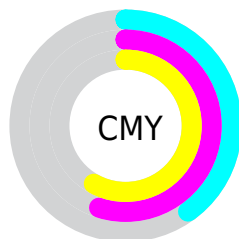
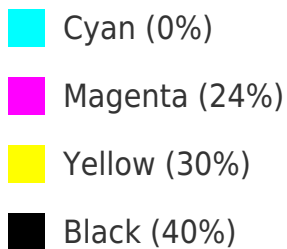
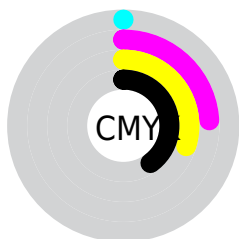
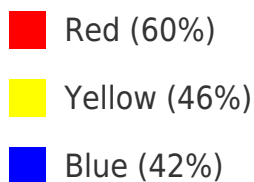
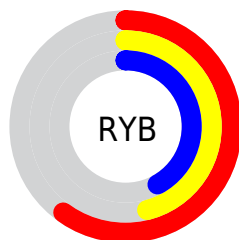
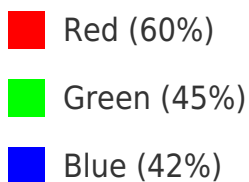
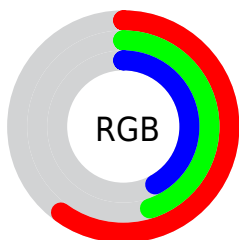
Format	Color
<a href="#">RYB</a>	<a href="#">152, 117, 107</a>
Decimal	<a href="#">9991019</a>
CIELab	<a href="#">51.84, 13.36, 10.06</a>
CIELCh	<a href="#">52, 16.722, 36.993</a>
Yxy	<a href="#">19.9984, 0.3724, 0.3427</a>
Android (android.graphics.Color)	<a href="#">4288181099</a> (0xFF98736B)
YUV	<a href="#">125.1510, -8.9484, 23.5466</a>
Hunter-Lab	<a href="#">44.7196, 8.4908, 9.2626</a>

# Details

The Hex color **98736B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6B9098**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **CFA79E**, and **64433C** is the 20% darker color. If you saturate the color by 10%, you get **98675C**, and if you desaturate by 10%, it is **987F7A**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 98736B 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 98736B by changing the saturation by 10% instead.





98736B



98736B

FFFFFF



7E5A53



CFA79E



64433C



ECC2B9



4B2C26



FFDED5



331712



FFFBF1



1F0000



000000



98736B



98736B



98675C



987F7A



985A4D



988C89

 984E3D

 989899

 98412E

 98A5A8

 98351F

 98B1B7

 982810

 98BEC6

 981C01

 98CAD5

 981B00

 98D7E5

 98E3F4

# Harmonies

## Analogous

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



997179



98736B



907762

# Triad

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



98736B



638370



6F7C98

# Complementary

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



98736B



6B9098

# 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.



5E8095



98736B



57847F

# Square

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



98736B



738064



54838C



827792

# Rectangle

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



98736B



887A5F



54838C



697D98



# Sweetspot

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



98736B



C4B6B3



986B91



635A59



E3E3E3



636363



# Same Dimension

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



98736B



C48A7E



98896B



4D4645



8C1900



0D0200



# Inverse Universe

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



6B9098



7EB8C4



6B7A98



454B4D



00738C



000A0D



# Previews

## White Background



This preview shows how the Hex color 98736B looks on a white background.

## Color Contrast Check

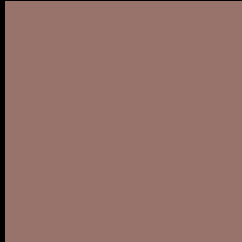
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 98736B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

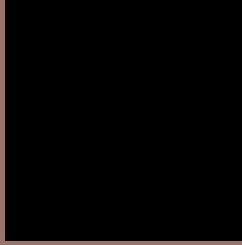
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 98736B Background



This preview shows how black text looks on a background with the Hex color 98736B.

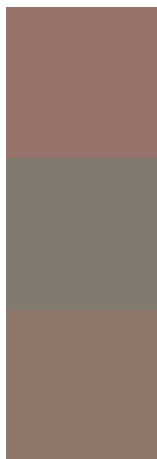


This preview shows how white text looks on a background with the Hex color 98736B.

# 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**  
**98736B**

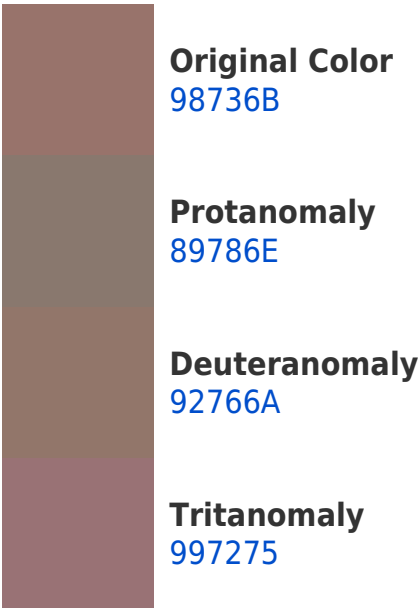
**Protanopia**  
**817B6F**

**Deuteranopia**  
**8E776A**



**Tritanopia**  
9A717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98736B 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 #98736B looks like.

```
.text, #text, p{  
    color:#98736B  
}
```

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 #98736B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98736B
}
```

## Border

The CSS property to change the border of an element to Hex 98736B 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
#98736B }
```

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

```
.border{ border-color:#98736B }
```

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

Here you see how a box with a 4 pixel #98736B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98736B; -webkit-box-shadow:4px 4px  
4px 4px #98736B; box-shadow:4px 4px 4px  
4px #98736B }
```

# Background

The CSS property to change the background color of an element to Hex 98736B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98736B }
```

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

```
.background{ background-color:#98736B }
```

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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