

# Converting Colors

Hex(98747D)

Have a look what the booklet for  
Hex(98747D) contains.

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**Color**

**Hex(98747D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98747D
RGB	152, 116, 125
RGB Percent	60%, 45%, 49%
CMY	0.4039, 0.5451, 0.5098
CMYK	0.00, 0.24, 0.18, 0.40
HSL	345°, 15%, 53%
HSV	345°, 24%, 60%
XYZ	22.8960, 20.6469, 22.1805
YIQ	127.7900, 18.5670, 10.4310

# Conversions

## Conversions Part 2

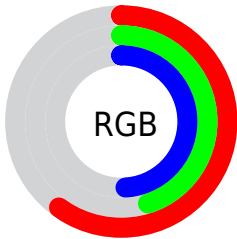
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 116, 125
Decimal	9991293
CIE <sub>Lab</sub>	52.56, 15.59, 0.53
CIE <sub>LCh</sub>	53, 15.595, 1.943
Yxy	20.6469, 0.3484, 0.3141
Android (android.graphics.Color)	4288181373 (0xFF98747D)
YUV	127.7900, -1.3755, 21.2322
Hunter-Lab	45.4388, 10.4257, 2.8653

# Details

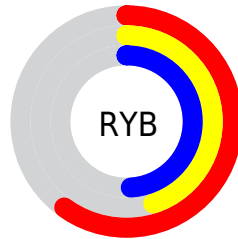
The Hex color **98747D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **74988F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **CFA8B2**, and **64444C** is the 20% darker color. If you saturate the color by 10%, you get **986572**, and if you desaturate by 10%, it is **988388**.

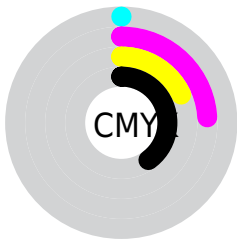
# Distribution



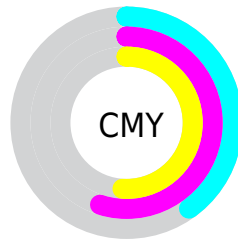
- Red (60%)
- Green (45%)
- Blue (49%)



- Red (60%)
- Yellow (45%)
- Blue (49%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (40%)



- Cyan (40%)
- Magenta (55%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98747D 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 98747D by changing the saturation by 10% instead.



 98747D

 98747D

FFFFFF

 7E5B64

 CFA8B2

 64444C

 EBC3CD

 4C2D36

 FFDFE9

 341820

 FFFCFF

 210009

 000000

 98747D

 98747D

 986572

 988388

 985666

 989294

 98465B

 98A29F

 98374F

 98B1AB

 982844

 98C0B6

 981939

 98CFC1

 980A2D

 98DECD

 980026

 98EED8

 98FDE4

# Harmonies

## Analogous

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



90768A



98747D



997570

# Triad

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



98747D



788167



608295

# Complementary

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



98747D



74988F

# 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.



59858B



98747D



698470

# Square

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



98747D



877D63



5D857E



6F7E98

# Rectangle

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



98747D



957769



5D857E



5C8392



# Sweetspot

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



98747D



C4B7BA



8F7498



635B5D



E3E3E3



636363



# Same Dimension

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



98747D



C48D9B



987D74



4D4547



8C0023



0D0003



# Inverse Universe

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



98747D



C48D9B



748F98



4D4547



8C0023

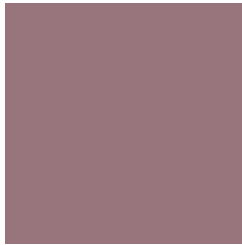


0D0003



# Previews

## White Background



This preview shows how the Hex color 98747D looks on a white background.

## Color Contrast Check

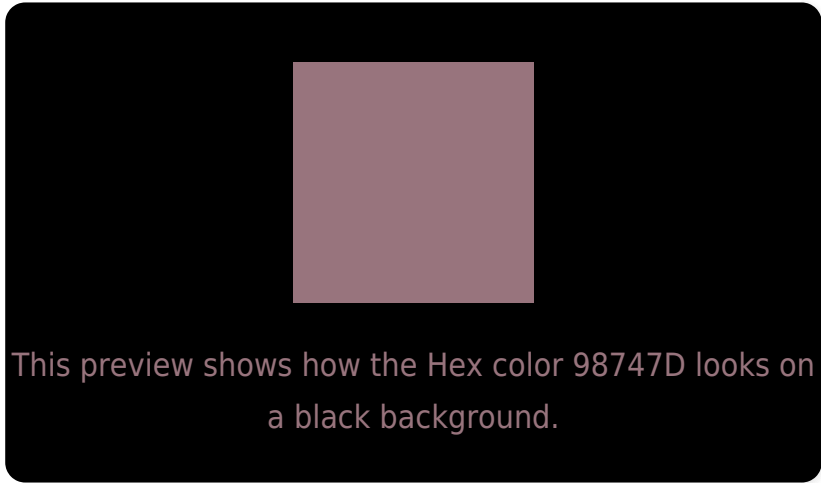
Large Text (above 18pt) WCAG AA ✓ Pass

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 98747D Background



This preview shows how black text looks on a background with the Hex color 98747D.



This preview shows how white text looks on a background with the Hex color 98747D.

# 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**  
98747D

**Protanopia**  
7F7D82

**Deuteranopia**  
8A7A7C



**Tritanopia**  
98747D

# Trichromacy



**Original Color**  
98747D

**Protanomaly**  
887A80

**Deuteranomaly**  
8F787C

**Tritanomaly**  
98747D

# Monochromacy



**Original Color**  
98747D

**Achromatopsia**  
808080

**Achromatomaly**  
897C7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98747D 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 #98747D looks like.

```
.text, #text, p{  
    color:#98747D  
}
```

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 #98747D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98747D
}
```

## Border

The CSS property to change the border of an element to Hex 98747D 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
#98747D }
```

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

```
.border{ border-color:#98747D }
```

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

Here you see how a box with a 4 pixel #98747D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98747D; -webkit-box-shadow:4px 4px  
4px 4px #98747D; box-shadow:4px 4px 4px  
4px #98747D }
```

# Background

The CSS property to change the background color of an element to Hex 98747D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98747D }
```

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

```
.background{ background-color:#98747D }
```

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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