

# Converting Colors

Hex(99997A)

Have a look what the booklet for  
Hex(99997A) contains.

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# **Color**

**Hex(99997A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99997A
RGB	153, 153, 122
RGB Percent	60%, 60%, 48%
CMY	0.4000, 0.4000, 0.5216
CMYK	0.00, 0.00, 0.20, 0.40
HSL	60°, 13%, 54%
HSV	60°, 20%, 60%
XYZ	28.0410, 30.9599, 22.9103
YIQ	149.4660, 9.9510, -9.6410

# Conversions

## Conversions Part 2

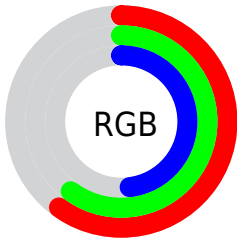
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 153, 122
Decimal	10066298
CIELab	62.47, -5.39, 16.34
CIELCh	62, 17.211, 108.266
Yxy	30.9599, 0.3423, 0.3780
Android (android.graphics.Color)	4288256378 (0xFF99997A)
YUV	149.4660, -13.5407, 3.0993
Hunter-Lab	55.6416, -7.4166, 14.5366

# Details

The Hex color **99997A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7A7A99**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **D0CFAF**, and **666649** is the 20% darker color. If you saturate the color by 10%, you get **99996B**, and if you desaturate by 10%, it is **999989**.

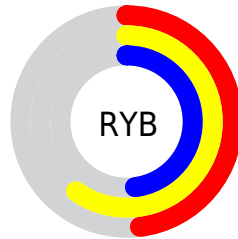
# Distribution



Red (60%)

Green (60%)

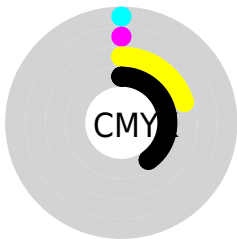
Blue (48%)



Red (48%)

Yellow (60%)

Blue (48%)

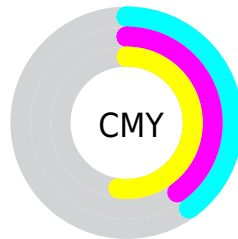


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99997A 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 99997A by changing the saturation by 10% instead.





99997A



99997A

FFFFFF



7F7F61



D0CFAF



666649



ECEBCA



4D4E32



FFFFE6



36371D



212205



000D00



000000



99997A



99997A



99996B



999989

 99995B

 999999

 99994C

 9999A8

 99993D

 9999B7

 99992E

 9999C7

 99991E

 9999D6

 99990F

 9999E5

 999900

 9999F4

 9999FF

# Harmonies

## Analogous

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



A99479



99997A



879D82

# Triad

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



99997A



709EAD



B28D9E

# Complementary

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



99997A



7A7A99

# 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.



A590AB



99997A



7E9AB5

# Square

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



99997A



6EA0A0



9295B4



B78D8E

# Rectangle

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



99997A



7D9F8B



9295B4



AF8EA3



# Sweetspot

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



99997A



C7C7BB



997A7A



63635C



E3E3E3



636363



# Same Dimension

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



99997A



C7C797



8A997A



4D4D45



8C8C00



0D0D00



# Inverse Universe

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



7A7A99



9797C7



8A7A99



45454D



00008C



00000D



# Previews

## White Background



This preview shows how the Hex color 99997A looks on a white background.

## Color Contrast Check

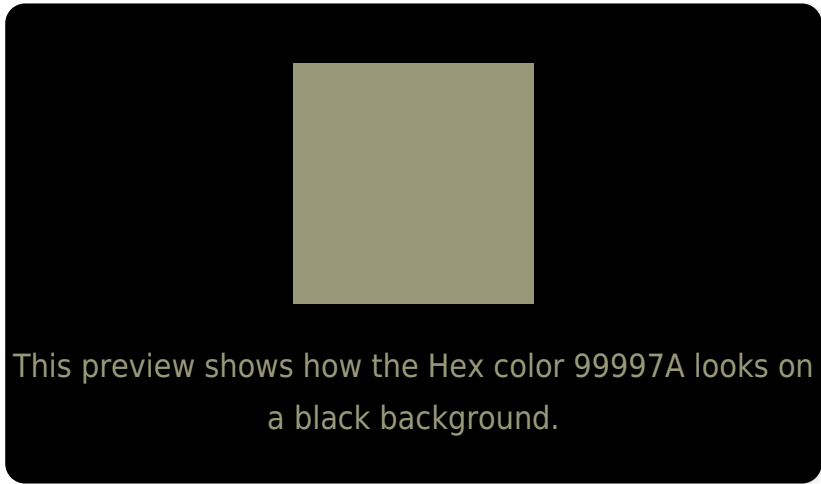
Large Text (above 18pt) WCAG AA × Fail

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

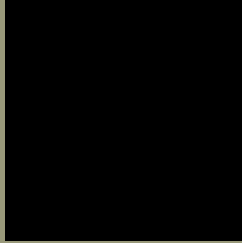
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

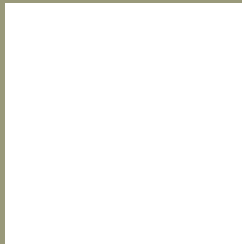
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99997A Background



This preview shows how black text looks on a background with the Hex color 99997A.



This preview shows how white text looks on a background with the Hex color 99997A.

# 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**  
99997A

**Protanopia**  
A09779

**Deuteranopia**  
AF917C



**Tritanopia**  
9E94A0

# Trichromacy



**Original Color**  
99997A

**Protanomaly**  
9D9879

**Deuteranomaly**  
A7947B

**Tritanomaly**  
9C9692

# Monochromacy



**Original Color**  
99997A

**Achromatopsia**  
959595

**Achromatomaly**  
96968B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99997A 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 #99997A looks like.

```
.text, #text, p{  
    color:#99997A  
}
```

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 #99997A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99997A
}
```

## Border

The CSS property to change the border of an element to Hex 99997A 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
#99997A }
```

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

```
.border{ border-color:#99997A }
```

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

Here you see how a box with a 4 pixel #99997A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99997A; -webkit-box-shadow:4px 4px  
4px 4px #99997A; box-shadow:4px 4px 4px  
4px #99997A }
```

# Background

The CSS property to change the background color of an element to Hex 99997A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99997A }
```

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

```
.background{ background-color:#99997A }
```

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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