

Converting Colors

Hex(99987B)

Have a look what the booklet for
Hex(99987B) contains.

Hex(99987B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(99987B)

Conversions

Conversions Part 1

Format	Color
Hex	99987B
RGB	153, 152, 123
RGB Percent	60%, 60%, 48%
CMY	0.4000, 0.4039, 0.5176
CMYK	0.00, 0.01, 0.20, 0.40
HSL	58°, 13%, 54%
HSV	58°, 20%, 60%
XYZ	27.9403, 30.6588, 23.1840
YIQ	148.9930, 9.9050, -8.8070

Conversions

Conversions Part 2

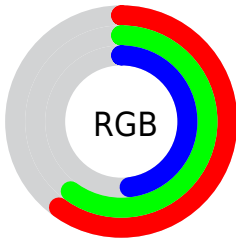
Format	Color
RYB	124, 153, 123
Decimal	10066043
CIELab	62.22, -4.69, 15.43
CIELCh	62, 16.129, 106.916
Yxy	30.6588, 0.3416, 0.3749
Android (android.graphics.Color)	4288256123 (0xFF99987B)
YUV	148.9930, -12.8145, 3.5141
Hunter-Lab	55.3704, -6.8260, 13.9341

Details

The Hex color **99987B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7B7C99**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **D0CEB0**, and **66654A** is the 20% darker color. If you saturate the color by 10%, you get **99976C**, and if you desaturate by 10%, it is **99998A**.

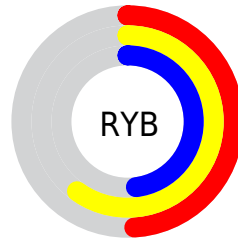
Distribution



Red (60%)

Green (60%)

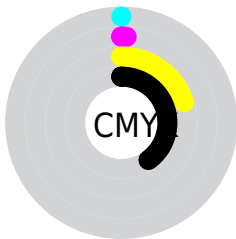
Blue (48%)



Red (49%)

Yellow (60%)

Blue (48%)

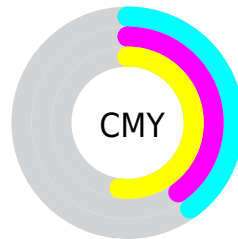


Cyan (0%)

Magenta (1%)

Yellow (20%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99987B 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 99987B by changing the saturation by 10% instead.



99987B



99987B

FFFFFF



7F7E62



D0CEB0



66654A



ECEACB



4D4D33



FFFFE7



36371E



212106



000B00



000000



99987B



99987B



99976C



99998A

99975C

99999A

99964D

999AA9

99963E

999AB8

99952F

999BC8

99951F

999BD7

999410

999CE6

999401

999CF5

999400

999DFE

Harmonies

Analogous

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



A8937B



99987B



899C83

Triad

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



99987B



729DAB



AF8D9D

Complementary

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



99987B



7B7C99

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.



A390AA



99987B



7F9AB2

Square

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



99987B



719F9E



9195B2



B48D8F

Rectangle

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



99987B



7E9E8B



9195B2



AC8EA2

Sweetspot

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



99987B



C7C7BB



997B7C



63635C



E3E3E3



636363

Same Dimension

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



99987B



C7C597



8B997B



4D4C45



8C8800



0D0C00

Inverse Universe

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



7B7C99



9799C7



897B99



45454D



00058C



00000D

Previews

White Background



This preview shows how the Hex color 99987B looks on a white background.

Color Contrast Check

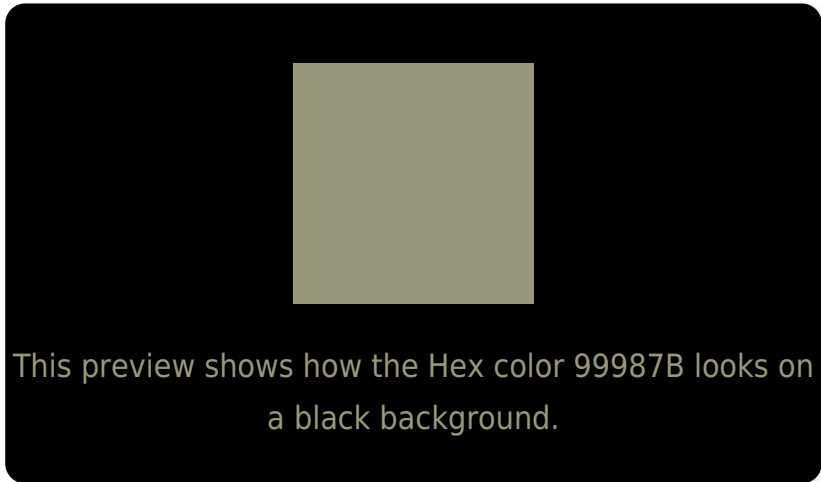
Large Text (above 18pt) WCAG AA × Fail

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

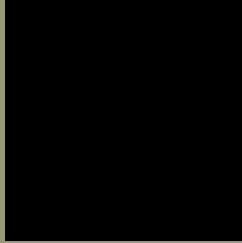
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

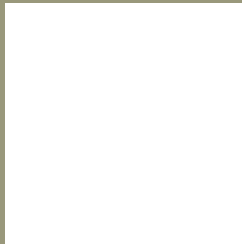
Any Text WCAG AAA ✓ Pass

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

Hex 99987B Background



This preview shows how black text looks on a background with the Hex color 99987B.



This preview shows how white text looks on a background with the Hex color 99987B.

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
99987B

Protanopia
9F967A

Deuteranopia
AE917D



Tritanopia
9E939F

Trichromacy



Original Color
99987B

Protanomaly
9D977A

Deuteranomaly
A6947C

Tritanomaly
9C9592

Monochromacy



Original Color
99987B

Achromatopsia
959595

Achromatomaly
96968C

CSS Examples

Text

The CSS property to change the color of the text to Hex 99987B 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 #99987B looks like.

```
.text, #text, p{  
    color:#99987B  
}
```

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 #99987B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99987B  
}
```

Border

The CSS property to change the border of an element to Hex 99987B 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  
#99987B }
```

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

```
.border{ border-color:#99987B }
```

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

Here you see how a box with a 4 pixel #99987B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99987B; -webkit-box-shadow:4px 4px  
4px 4px #99987B; box-shadow:4px 4px 4px  
4px #99987B }
```

Background

The CSS property to change the background color of an element to Hex 99987B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99987B }
```

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

```
.background{ background-color:#99987B }
```

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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