

Converting Colors

Hex(99997B)

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

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Color

Hex(99997B)

Conversions

Conversions Part 1

Format	Color
Hex	99997B
RGB	153, 153, 123
RGB Percent	60%, 60%, 48%
CMY	0.4000, 0.4000, 0.5176
CMYK	0.00, 0.00, 0.20, 0.40
HSL	60°, 13%, 54%
HSV	60°, 20%, 60%
XYZ	28.1033, 30.9848, 23.2384
YIQ	149.5800, 9.6300, -9.3300

Conversions

Conversions Part 2

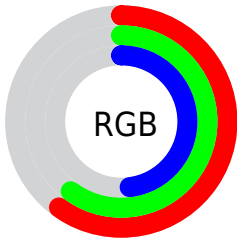
Format	Color
RYB	123, 153, 123
Decimal	10066299
CIELab	62.49, -5.24, 15.81
CIElCh	62, 16.660, 108.328
Yxy	30.9848, 0.3414, 0.3764
Android (android.graphics.Color)	4288256379 (0xFF99997B)
YUV	149.5800, -13.1039, 2.9993
Hunter-Lab	55.6640, -7.2922, 14.2127

Details

The Hex color **99997B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7B7B99**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **D0CFB0**, and **66664A** is the 20% darker color. If you saturate the color by 10%, you get **99996C**, and if you desaturate by 10%, it is **99998A**.

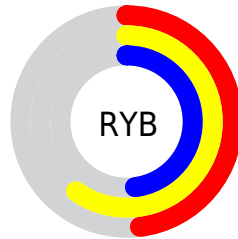
Distribution



Red (60%)

Green (60%)

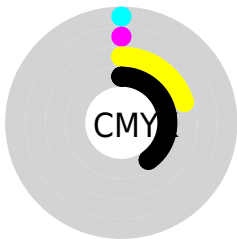
Blue (48%)



Red (48%)

Yellow (60%)

Blue (48%)

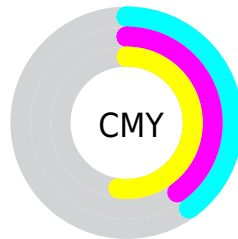


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (52%)

Brightness & Saturation Gradients

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



99997B



99997B

FFFFFF



7F7F62



D0CFB0



66664A



ECEBCB



4D4E33



FFFFE7



36371E



212206



000D00



000000



99997B



99997B



99996C



99998A

 99995C

 99999A

 99994D

 9999A9

 99993E

 9999B8

 99992F

 9999C8

 99991F

 9999D7

 999910

 9999E6

 999901

 9999F5

 999900

 9999FF

Harmonies

Analogous

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



A8947A



99997B



889D83

Triad

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



99997B



729EAD



B18D9E

Complementary

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



99997B



7B7B99

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



99997B



7F9AB4

Square

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



99997B



70A0A0



9295B3



B68D8E

Rectangle

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



99997B



7D9F8C



9295B3



AE8EA2

Sweetspot

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



99997B



C7C7BB



997B7B



63635C



E3E3E3



636363

Same Dimension

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



99997B



C7C797



8A997B



4D4D45



8C8C00



0D0D00

Inverse Universe

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



7B7B99



9797C7



8A7B99



45454D



00008C



00000D

Previews

White Background



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

Color Contrast Check

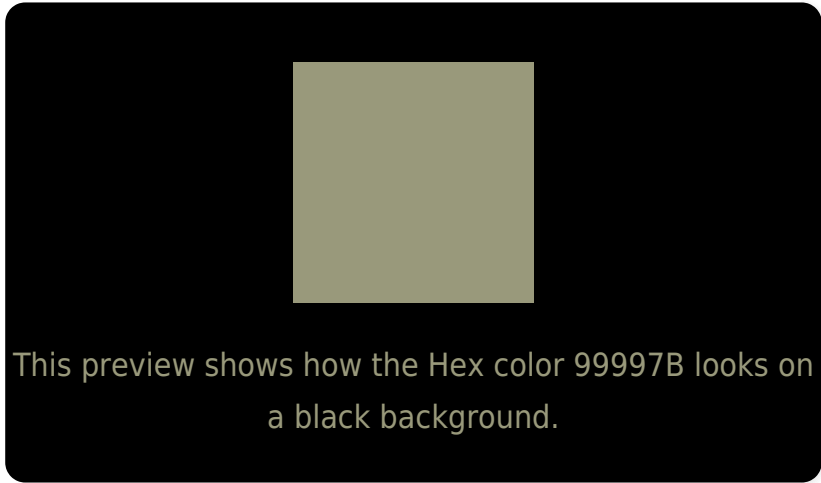
Large Text (above 18pt) WCAG AA × Fail

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

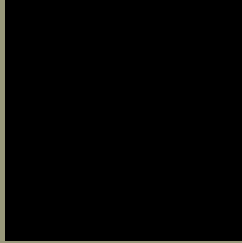
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

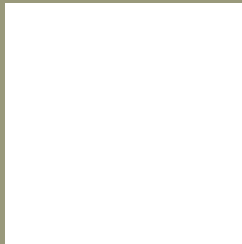
Any Text WCAG AAA ✓ Pass

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

Hex 99997B Background



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



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

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
99997B

Protanopia
A0977A

Deuteranopia
AF917D



Tritanopia
9E94A0

Trichromacy



Original Color
99997B

Protanomaly
9D987A

Deuteranomaly
A7947C

Tritanomaly
9C9693

Monochromacy



Original Color
99997B

Achromatopsia
969696

Achromatomaly
97978C

CSS Examples

Text

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

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

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 #99997B colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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