

Converting Colors

Hex(99A77D)

Have a look what the booklet for
Hex(99A77D) contains.

Hex(99A77D)	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(99A77D)

Conversions

Conversions Part 1

Format	Color
Hex	99A77D
RGB	153, 167, 125
RGB Percent	60%, 65%, 49%
CMY	0.4000, 0.3451, 0.5098
CMYK	0.08, 0.00, 0.25, 0.35
HSL	80°, 19%, 57%
HSV	80°, 25%, 65%
XYZ	30.6573, 35.8904, 24.7138
YIQ	158.0260, 5.1380, -16.0300

Conversions

Conversions Part 2

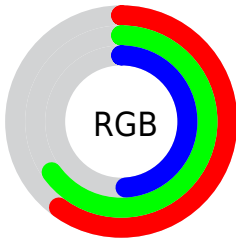
Format	Color
RYB	125, 167, 139
Decimal	10069885
CIELab	66.44, -12.43, 20.13
CIELCh	66, 23.659, 121.687
Yxy	35.8904, 0.3359, 0.3933
Android (android.graphics.Color)	4288259965 (0xFF99A77D)
YUV	158.0260, -16.2818, -4.4078
Hunter-Lab	59.9086, -13.4956, 17.4774

Details

The Hex color **99A77D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8B7DA7**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D0DEB2**, and **66734C** is the 20% darker color. If you saturate the color by 10%, you get **93A76C**, and if you desaturate by 10%, it is **9FA78E**.

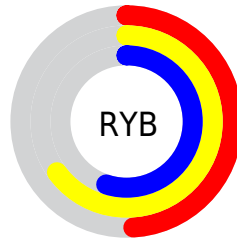
Distribution



Red (60%)

Green (65%)

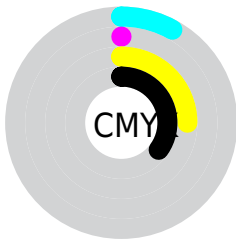
Blue (49%)



Red (49%)

Yellow (65%)

Blue (55%)

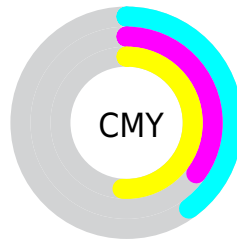


Cyan (8%)

Magenta (0%)

Yellow (25%)

Black (35%)



Cyan (40%)

Magenta (35%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99A77D 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 99A77D by changing the saturation by 10% instead.



99A77D



99A77D

FFFFFF



7F8D64



D0DEB2



66734C



ECFBCD



4D5B35



FFFFEА



36431F



202D08



041900



000000



99A77D



99A77D



93A76C



9FA78E

 8EA75C

 A4A79E

 88A74B

 AAA7AF

 83A73A

 AFA7C0

 7DA729

 B5A7D0

 78A719

 BAA7E1

 72A708

 C0A7F2

 6FA700

 C6A7FF

 CBA7FF

Harmonies

Analogous

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



B0A177



99A77D



81AC8D

Triad

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



99A77D



6FA9C6



CB92A1

Complementary

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



99A77D



8B7DA7

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.



BE95B6



99A77D



89A3CC

Square

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



99A77D



63ADB7



A79CC6



CC948C

Rectangle

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



99A77D



72AD9B



A79CC6



C893A8

Sweetspot

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



99A77D



D3D9C7



A78B7D



6A6E63



EDEDED



6E6E6E

Same Dimension

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



99A77D



C3D998



84A77D



51544C



639400



0E1400

Inverse Universe

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



8B7DA7



AD98D9



A07DA7



4F4C54



310094



070014

Previews

White Background



This preview shows how the Hex color 99A77D looks on a white background.

Color Contrast Check

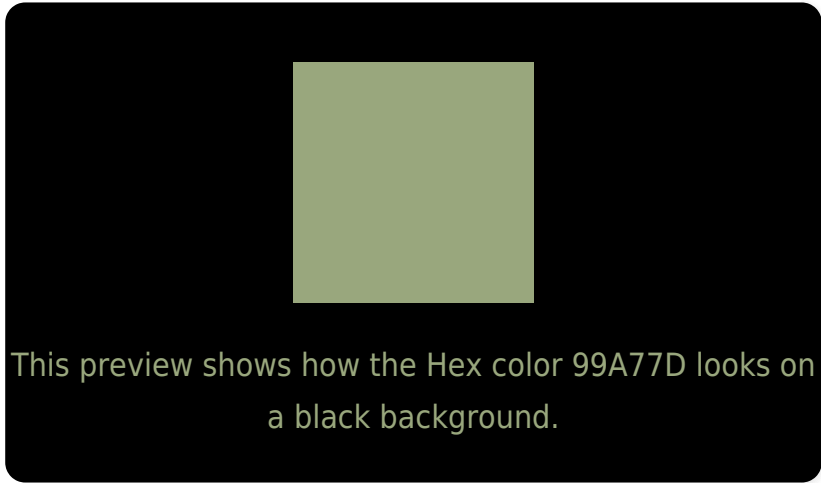
Large Text (above 18pt) WCAG AA × Fail

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

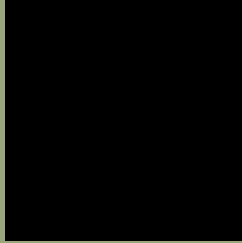
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

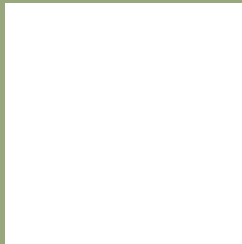
Any Text WCAG AAA ✓ Pass

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

Hex 99A77D Background



This preview shows how black text looks on a background with the Hex color 99A77D.

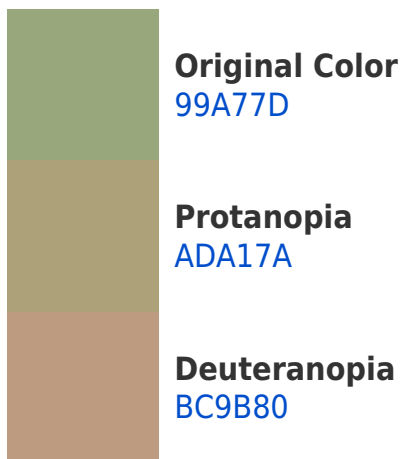


This preview shows how white text looks on a background with the Hex color 99A77D.

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



Trichromacy



Original Color
99A77D

Protanomaly
A6A37B

Deuteranomaly
AF9F7F

Tritanomaly
9DA39C

Monochromacy



Original Color
99A77D

Achromatopsia
9E9E9E

Achromatomaly
9CA192

CSS Examples

Text

The CSS property to change the color of the text to Hex 99A77D 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 #99A77D looks like.

```
.text, #text, p{  
    color:#99A77D  
}
```

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 #99A77D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99A77D
}
```

Border

The CSS property to change the border of an element to Hex 99A77D 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
#99A77D }
```

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

```
.border{ border-color:#99A77D }
```

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

Here you see how a box with a 4 pixel #99A77D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99A77D; -webkit-box-shadow:4px 4px  
4px 4px #99A77D; box-shadow:4px 4px 4px  
4px #99A77D }
```

Background

The CSS property to change the background color of an element to Hex 99A77D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99A77D }
```

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

```
.background{ background-color:#99A77D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor