

Converting Colors

Hex(99A870)

Have a look what the booklet for
Hex(99A870) contains.

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Color

Hex(99A870)

Conversions

Conversions Part 1

Format	Color
Hex	99A870
RGB	153, 168, 112
RGB Percent	60%, 66%, 44%
CMY	0.4000, 0.3412, 0.5608
CMYK	0.09, 0.00, 0.33, 0.34
HSL	76°, 24%, 55%
HSV	76°, 33%, 66%
XYZ	30.0641, 35.9474, 20.6832
YIQ	157.1310, 9.0360, -20.5960

Conversions

Conversions Part 2

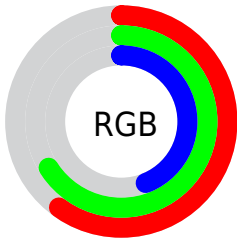
Format	Color
RYB	112, 168, 127
Decimal	10070128
CIELab	66.48, -14.84, 27.24
CIELCh	66, 31.018, 118.586
Yxy	35.9474, 0.3468, 0.4146
Android (android.graphics.Color)	4288260208 (0xFF99A870)
YUV	157.1310, -22.2496, -3.6229
Hunter-Lab	59.9562, -15.4171, 21.5159

Details

The Hex color **99A870** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7F70A8**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **D0DFA4**, and **65743F** is the 20% darker color. If you saturate the color by 10%, you get **94A85F**, and if you desaturate by 10%, it is **9DA881**.

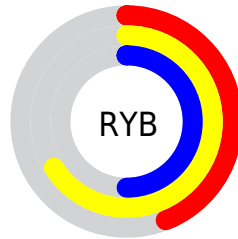
Distribution



Red (60%)

Green (66%)

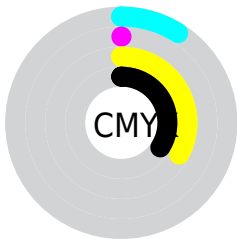
Blue (44%)



Red (44%)

Yellow (66%)

Blue (50%)

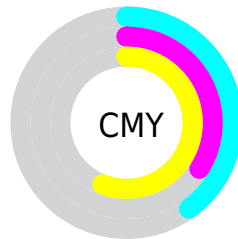


Cyan (9%)

Magenta (0%)

Yellow (33%)

Black (34%)



Cyan (40%)

Magenta (34%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99A870 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 99A870 by changing the saturation by 10% instead.

 99A870

 99A870

FFFFFF

 7F8E57

 D0DFA4

 65743F

 ECFCC0

 4C5B28

 FFFFDC

 354412

 FFFFF8

 202D00

 001A00

 000000

 99A870

 99A870

 94A85F

 9DA881

90A84E

A2A892

8BA83E

A6A8A2

87A82D

ABA8B3

83A81C

AFA8C4

7EA80B

B4A8D5

7BA800

B8A8E6

BDA8F6

C1A8FF

Harmonies

Analogous

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



B69F6A



99A870



78AE84

Triad

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



99A870



52ACD0



D68DA4

Complementary

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



99A870



7F70A8

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.



C492BF



99A870



7AA5D9

Square

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



99A870



43B0BB



A49BD3



D88F88

Rectangle

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



99A870



62B096



A49BD3



D28EAE

Sweetspot

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



99A870



D5DBC5



A87F70



6A6E60



EDEDED



6E6E6E

Same Dimension

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



99A870



C4DB84



7DA870



52544C



6C9400



0F1400

Inverse Universe

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



7F70A8



9B84DB



9B70A8



4E4C54



280094



050014

Previews

White Background



This preview shows how the Hex color 99A870 looks on a white background.

Color Contrast Check

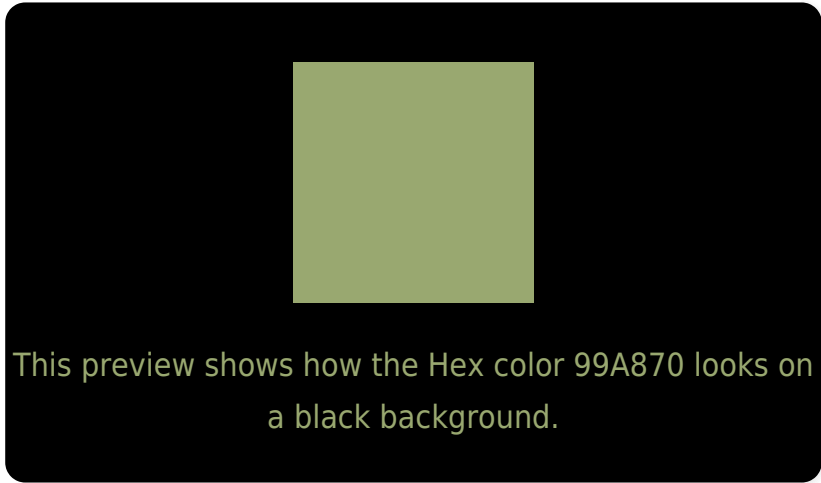
Large Text (above 18pt) WCAG AA × Fail

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

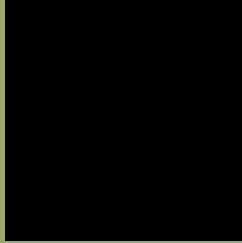
Any Text WCAG AA ✓ Pass

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 99A870 Background



This preview shows how black text looks on a background with the Hex color 99A870.

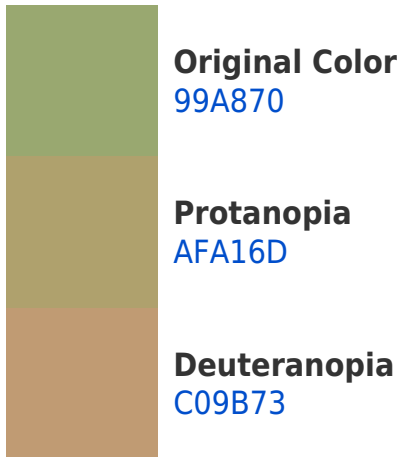


This preview shows how white text looks on a background with the Hex color 99A870.

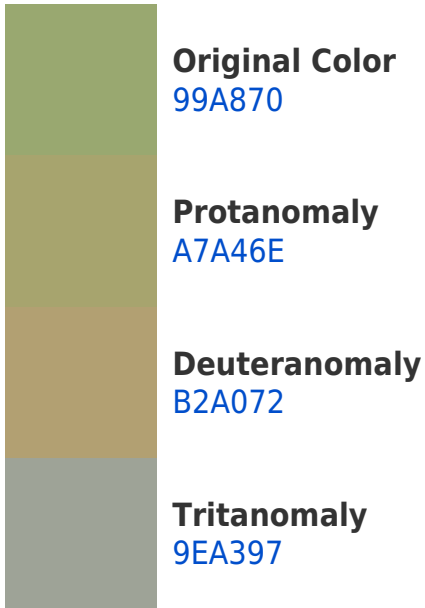
Color Blindness Simulation

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](#).

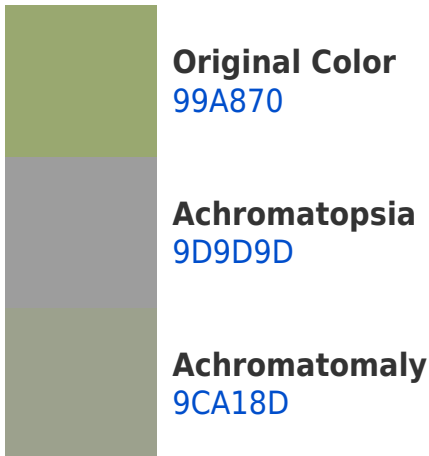
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99A870 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 #99A870 looks like.

```
.text, #text, p{  
    color:#99A870  
}
```

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 #99A870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99A870
}
```

Border

The CSS property to change the border of an element to Hex 99A870 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
#99A870 }
```

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

```
.border{ border-color:#99A870 }
```

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

Here you see how a box with a 4 pixel #99A870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99A870; -webkit-box-shadow:4px 4px  
4px 4px #99A870; box-shadow:4px 4px 4px  
4px #99A870 }
```

Background

The CSS property to change the background color of an element to Hex 99A870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99A870 }
```

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

```
.background{ background-color:#99A870 }
```

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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