

Converting Colors

Hex(A89870)

Have a look what the booklet for
Hex(A89870) contains.

Hex(A89870)	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(A89870)

Conversions

Conversions Part 1

Format	Color
Hex	A89870
RGB	168, 152, 112
RGB Percent	66%, 60%, 44%
CMY	0.3412, 0.4039, 0.5608
CMYK	0.00, 0.10, 0.33, 0.34
HSL	43°, 24%, 55%
HSV	43°, 33%, 66%
XYZ	30.3013, 31.9512, 19.8994
YIQ	152.2240, 22.3760, -9.0480

Conversions

Conversions Part 2

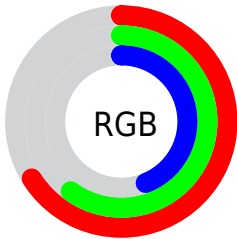
Format	Color
RYB	134, 168, 112
Decimal	11049072
CIELab	63.30, -0.25, 23.23
CIElCh	63, 23.231, 90.623
Yxy	31.9512, 0.3688, 0.3889
Android (android.graphics.Color)	4289239152 (0xFFA89870)
YUV	152.2240, -19.8304, 13.8356
Hunter-Lab	56.5254, -3.2316, 18.6951

Details

The Hex color **A89870** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7080A8**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **E0CEA4**, and **736540** is the 20% darker color. If you saturate the color by 10%, you get **A8935F**, and if you desaturate by 10%, it is **A89D81**.

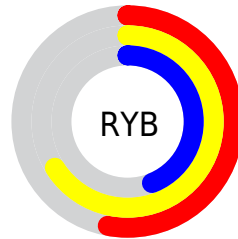
Distribution



Red (66%)

Green (60%)

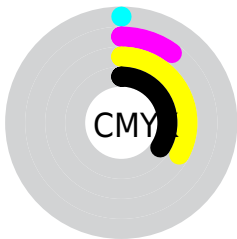
Blue (44%)



Red (53%)

Yellow (66%)

Blue (44%)

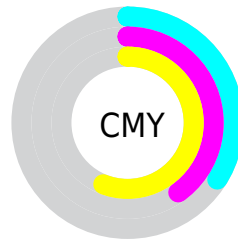


Cyan (0%)

Magenta (10%)

Yellow (33%)

Black (34%)



Cyan (34%)

Magenta (40%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color A89870 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 A89870 by changing the saturation by 10% instead.

 A89870

 A89870

FFFFFF

 8D7E57

 E0CEA4

 736540

 FDEABF


 5A4D29

 FFFFDB

 413714

 FFFFF8

 2B2100

 110C00

 000000

 A89870

 A89870

 A8935F

 A89D81

 A88E4E

 A8A292

 A88A3E

 A8A6A2

 A8852D

 A8ABB3

 A8801C

 A8B0C4

 A87B0B

 A8B5D5

 A87800

 A8BAE6

 A8BEF6

 A8C3FF

Harmonies

Analogous

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



B99176



A89870



929E75

Triad

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



A89870



5CA4AE



B48DAE

Complementary

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



A89870



7080A8

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.



9D94BD



A89870



67A1BD

Square

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



A89870



65A599



809BC2



C18A9A

Rectangle

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



A89870



82A27E



809BC2



AD8FB4

Sweetspot

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



A89870



DBD5C5



A87081



6E6A60



EDEDED



6E6E6E

Same Dimension

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



A89870



DBC284



9DA870



54524C



946A00



140F00

Inverse Universe

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



7080A8



849DDB



7B70A8



4C4E54



002A94



000614

Previews

White Background



This preview shows how the Hex color A89870 looks on a white background.

Color Contrast Check

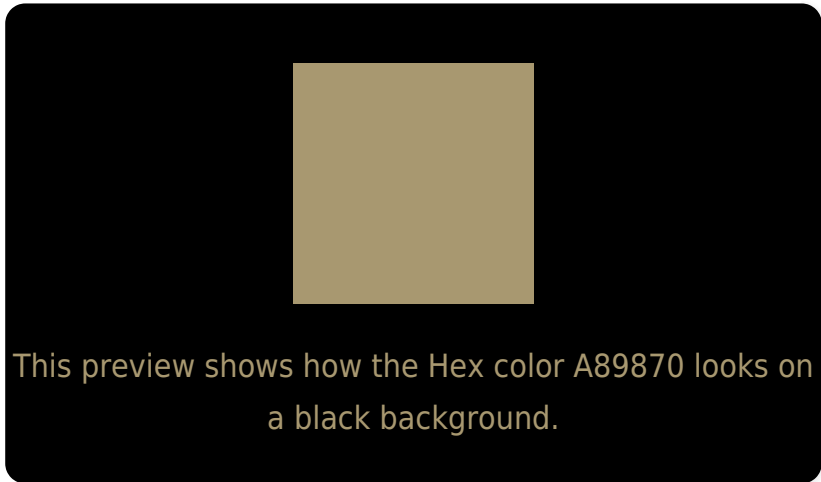
Large Text (above 18pt) WCAG AA × Fail

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

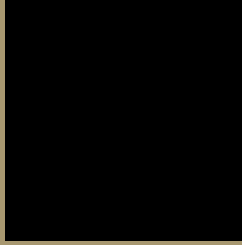
Any Text WCAG AA ✓ Pass

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 A89870 Background



This preview shows how black text looks on a background with the Hex color A89870.



This preview shows how white text looks on a background with the Hex color A89870.

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
A89870

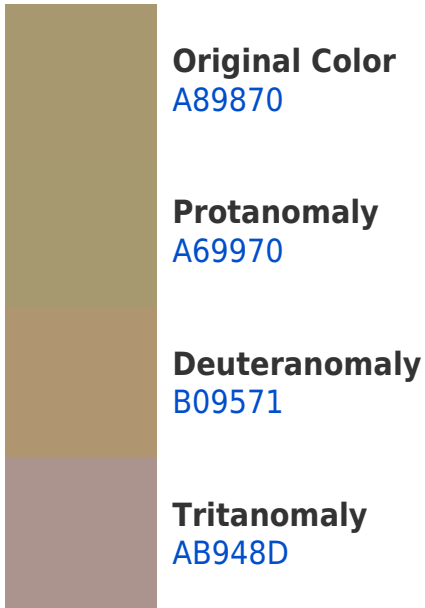
Protanopia
A59970

Deuteranopia
B59371

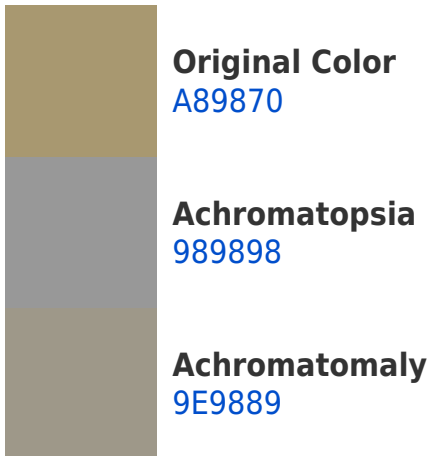


Tritanopia
AD929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A89870 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 #A89870 looks like.

```
.text, #text, p{  
    color:#A89870  
}
```

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 #A89870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A89870  
}
```

Border

The CSS property to change the border of an element to Hex A89870 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  
#A89870 }
```

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

```
.border{ border-color:#A89870 }
```

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

Here you see how a box with a 4 pixel #A89870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A89870; -webkit-box-shadow:4px 4px  
4px 4px #A89870; box-shadow:4px 4px 4px  
4px #A89870 }
```

Background

The CSS property to change the background color of an element to Hex A89870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A89870 }
```

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

```
.background{ background-color:#A89870 }
```

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