

Converting Colors

Hex(89904A)

Have a look what the booklet for
Hex(89904A) contains.

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Color

Hex(89904A)

Conversions

Conversions Part 1

Format	Color
Hex	89904A
RGB	137, 144, 74
RGB Percent	54%, 56%, 29%
CMY	0.4627, 0.4353, 0.7098
CMYK	0.05, 0.00, 0.49, 0.44
HSL	66°, 32%, 43%
HSV	66°, 49%, 56%
XYZ	21.5258, 25.7593, 10.3161
YIQ	133.9270, 18.2980, -23.2540

Conversions

Conversions Part 2

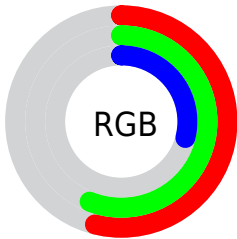
Format	Color
RYB	74, 144, 81
Decimal	9015370
CIELab	57.81, -13.36, 36.08
CIElCh	58, 38.474, 110.325
Yxy	25.7593, 0.3737, 0.4472
Android (android.graphics.Color)	4287205450 (0xFF89904A)
YUV	133.9270, -29.5440, 2.6950
Hunter-Lab	50.7536, -13.1127, 23.4764

Details

The Hex color **89904A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **514A90**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **C0C67C**, and **555E1A** is the 20% darker color. If you saturate the color by 10%, you get **88903C**, and if you desaturate by 10%, it is **8A9058**.

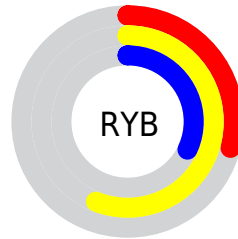
Distribution



Red (54%)

Green (56%)

Blue (29%)



Red (29%)

Yellow (56%)

Blue (32%)

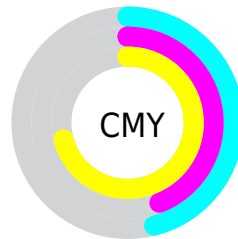


Cyan (5%)

Magenta (0%)

Yellow (49%)

Black (44%)



Cyan (46%)

Magenta (44%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89904A 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 89904A by changing the saturation by 10% instead.



89904A



89904A

FFFFFF



6F7632



C0C67C



555E1A



DCE297



3D4600



F9FEB2



263000



FFFFCE



091C00



FFFFEA



000000



89904A



89904A



88903C



8A9058



86902D



8C9067

■ 85901F

■ 8D9075

■ 839010

■ 8F9084

■ 829002

■ 909092

■ 829000

■ 9290A0

■ 9390AF

■ 9590BD

■ 9690CC

Harmonies

Analogous

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



A98548



89904A



62985F

Triad

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



89904A



0099BE



C47197

Complementary

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



89904A



514A90

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.



AA7AB6



89904A



3B92CD

Square

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



89904A



009CA1



7D86CA



CB7175

Rectangle

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



89904A



429B73



7D86CA



BE73A2

Sweetspot

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



89904A



B7BA9E



90514A



5D5E4D



DEDEDE



5E5E5E

Same Dimension

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



89904A



AFBA4E



66904A



474740



7A8700



070800

Inverse Universe

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



514A90



594EBA



744A90



414047



0E0087



010008

Previews

White Background



This preview shows how the Hex color 89904A looks on a white background.

Color Contrast Check

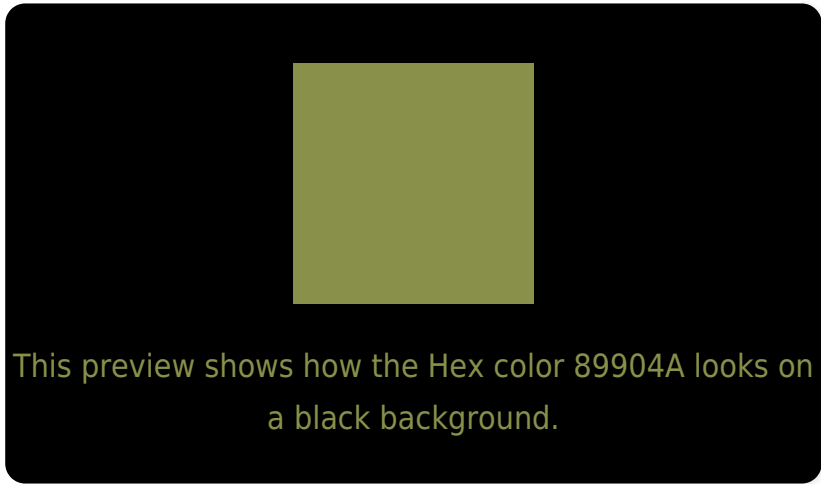
Large Text (above 18pt) WCAG AA ✓ Pass

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

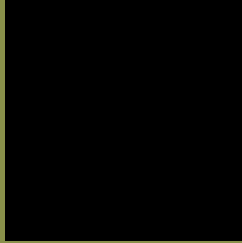
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 89904A Background



This preview shows how black text looks on a background with the Hex color 89904A.

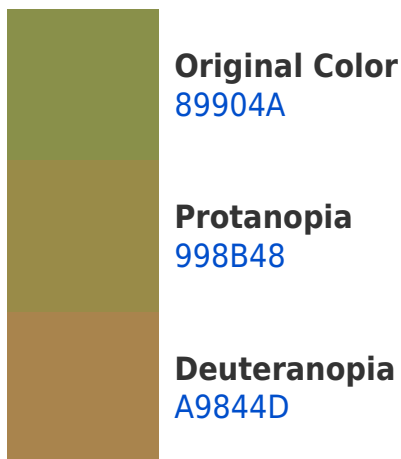


This preview shows how white text looks on a background with the Hex color 89904A.

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





Tritanopia
918893

Trichromacy



Original Color
89904A

Protanomaly
938D49

Deuteranomaly
9D884C

Tritanomaly
8E8B78

Monochromacy



Original Color
89904A

Achromatopsia
868686

Achromatomaly
878A70

CSS Examples

Text

The CSS property to change the color of the text to Hex 89904A 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 #89904A looks like.

```
.text, #text, p{  
    color:#89904A  
}
```

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 #89904A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89904A
}
```

Border

The CSS property to change the border of an element to Hex 89904A 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
#89904A }
```

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

```
.border{ border-color:#89904A }
```

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

Here you see how a box with a 4 pixel #89904A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89904A; -webkit-box-shadow:4px 4px  
4px 4px #89904A; box-shadow:4px 4px 4px  
4px #89904A }
```

Background

The CSS property to change the background color of an element to Hex 89904A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89904A }
```

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

```
.background{ background-color:#89904A }
```

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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