

# Converting Colors

Hex(89946A)

Have a look what the booklet for  
Hex(89946A) contains.

<b>Hex(89946A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(89946A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	89946A
RGB	137, 148, 106
RGB Percent	54%, 58%, 42%
CMY	0.4627, 0.4196, 0.5843
CMYK	0.07, 0.00, 0.28, 0.42
HSL	76°, 17%, 50%
HSV	76°, 28%, 58%
XYZ	23.5080, 27.5388, 17.7122
YIQ	139.9230, 6.9260, -15.3940

# Conversions

## Conversions Part 2

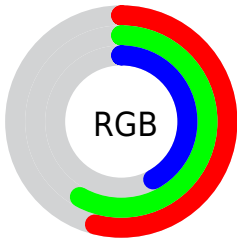
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 148, 117
Decimal	9016426
CIELab	59.47, -11.45, 20.94
CIElCh	59, 23.866, 118.658
Yxy	27.5388, 0.3419, 0.4005
Android (android.graphics.Color)	4287206506 (0xFF89946A)
YUV	139.9230, -16.7240, -2.5635
Hunter-Lab	52.4774, -11.8740, 16.7226

# Details

The Hex color **89946A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **756A94**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **BFCA9E**, and **57613A** is the 20% darker color. If you saturate the color by 10%, you get **85945B**, and if you desaturate by 10%, it is **8D9479**.

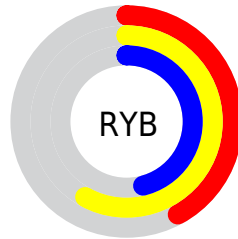
# Distribution



Red (54%)

Green (58%)

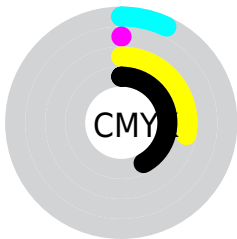
Blue (42%)



Red (42%)

Yellow (58%)

Blue (46%)

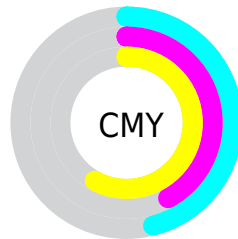


Cyan (7%)

Magenta (0%)

Yellow (28%)

Black (42%)



Cyan (46%)

Magenta (42%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89946A 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 89946A by changing the saturation by 10% instead.





89946A



89946A

FFFFFF



6F7A52



BFCA9E



57613A



DBE6B9



3F4A24



F7FFD4



28330F



FFFFF1



141E00



000000



89946A



89946A



85945B



8D9479



81944C



919488

 7D943E

 959496

 79942F

 9994A5

 769420

 9C94B4

 729411

 A094C3

 6E9402

 A494D2

 6D9400

 A894E0

 AC94EF

# Harmonies

## Analogous

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



9F8E65



89946A



719979

# Triad

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



89946A



5997B2



B78091

# Complementary

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



89946A



756A94

# 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.



A983A5



89946A



7391B9

# Square

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



89946A



4F9AA3



918AB4



B9817C

# Rectangle

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



89946A



619A86



918AB4



B48198



# Sweetspot

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



89946A



BBBFAE



94756A



5E6156



E0E0E0



616161



# Same Dimension

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



89946A



AEBF7E



75946A



484A43



668A00



080A00



# Inverse Universe

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



756A94



8F7EBF



8A6A94



44434A



24008A



03000A



# Previews

## White Background



This preview shows how the Hex color 89946A looks on a white background.

## Color Contrast Check

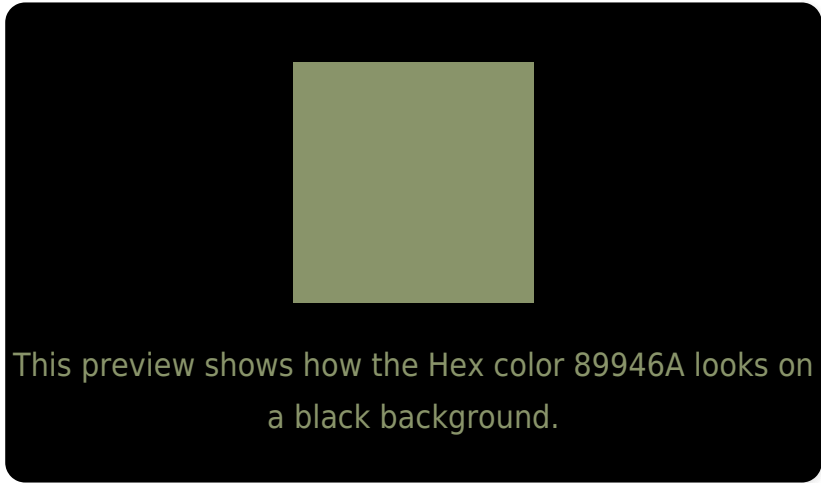
Large Text (above 18pt) WCAG AA ✓ Pass

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

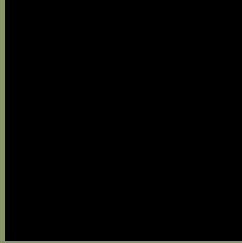
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

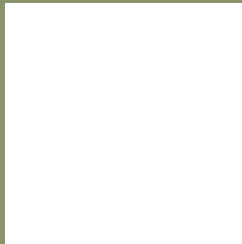
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 89946A Background



This preview shows how black text looks on a background with the Hex color 89946A.



This preview shows how white text looks on a background with the Hex color 89946A.

# 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**  
89946A

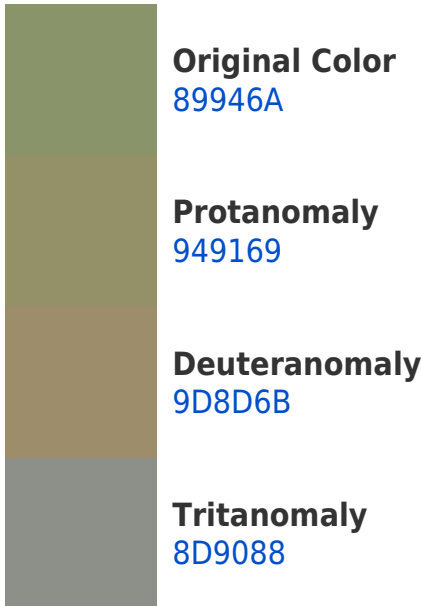
**Protanopia**  
9A8F68

**Deuteranopia**  
A8896C

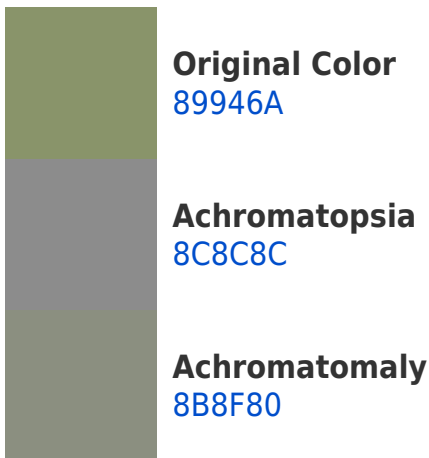


**Tritanopia**  
8F8E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89946A 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 #89946A looks like.

```
.text, #text, p{  
    color:#89946A  
}
```

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 #89946A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89946A
}
```

## Border

The CSS property to change the border of an element to Hex 89946A 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
#89946A }
```

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

```
.border{ border-color:#89946A }
```

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

Here you see how a box with a 4 pixel #89946A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89946A; -webkit-box-shadow:4px 4px  
4px 4px #89946A; box-shadow:4px 4px 4px  
4px #89946A }
```

# Background

The CSS property to change the background color of an element to Hex 89946A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89946A }
```

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

```
.background{ background-color:#89946A }
```

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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