

Converting Colors

Hex(889A47)

Have a look what the booklet for
Hex(889A47) contains.

Hex(889A47)	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(889A47)

Conversions

Conversions Part 1

Format	Color
Hex	889A47
RGB	136, 154, 71
RGB Percent	53%, 60%, 28%
CMY	0.4667, 0.3961, 0.7216
CMYK	0.12, 0.00, 0.54, 0.40
HSL	73°, 37%, 44%
HSV	73°, 54%, 60%
XYZ	22.8463, 28.8004, 10.3161
YIQ	139.1560, 15.9150, -29.6290

Conversions

Conversions Part 2

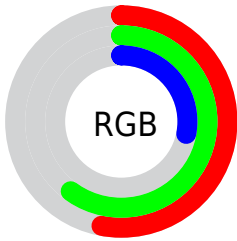
Format	Color
RYB	71, 154, 89
Decimal	8952391
CIELab	60.61, -19.31, 40.90
CIElCh	61, 45.231, 115.275
Yxy	28.8004, 0.3687, 0.4648
Android (android.graphics.Color)	4287142471 (0xFF889A47)
YUV	139.1560, -33.6009, -2.7678
Hunter-Lab	53.6660, -17.9258, 26.1690

Details

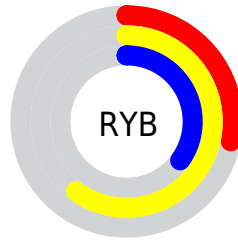
The Hex color **889A47** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **59479A**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **BFD07A**, and **546715** is the 20% darker color. If you saturate the color by 10%, you get **859A38**, and if you desaturate by 10%, it is **8B9A56**.

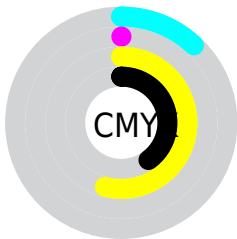
Distribution



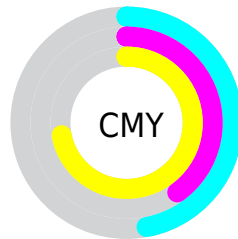
- Red (53%)
- Green (60%)
- Blue (28%)



- Red (28%)
- Yellow (60%)
- Blue (35%)



- Cyan (12%)
- Magenta (0%)
- Yellow (54%)
- Black (40%)



- Cyan (47%)
- Magenta (40%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 889A47 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 889A47 by changing the saturation by 10% instead.



889A47



889A47

FFFFFF



6E802E



BFD07A



546715



DBED94



3B4F00



F8FFB0



233800



FFFFCB



082200



FFFFE8



000400



000000



889A47



889A47



859A38



8B9A56

819A28

8F9A66

7E9A19

929A75

7B9A09

959A85

799A00

999A94

9C9AA3

9F9AB3

A39AC2

A69AD2

Harmonies

Analogous

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



AF8E40



889A47



57A263

Triad

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



889A47



00A2D3



D8719A

Complementary

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



889A47



59479A

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.



BE7BC0



889A47



3698E1

Square

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



889A47



00A6B3



8B8ADA



DC7372

Rectangle

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



889A47



24A57D



8B8ADA



D273A8

Sweetspot

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



889A47



C2C9A9



9A5947



626653



E6E6E6



666666

Same Dimension

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



889A47



ADC947



5F9A47



4B4D45



6E8C00



0A0D00

Inverse Universe

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



59479A



6347C9



82479A



47454D



1E008C



03000D

Previews

White Background



This preview shows how the Hex color 889A47 looks on a white background.

Color Contrast Check

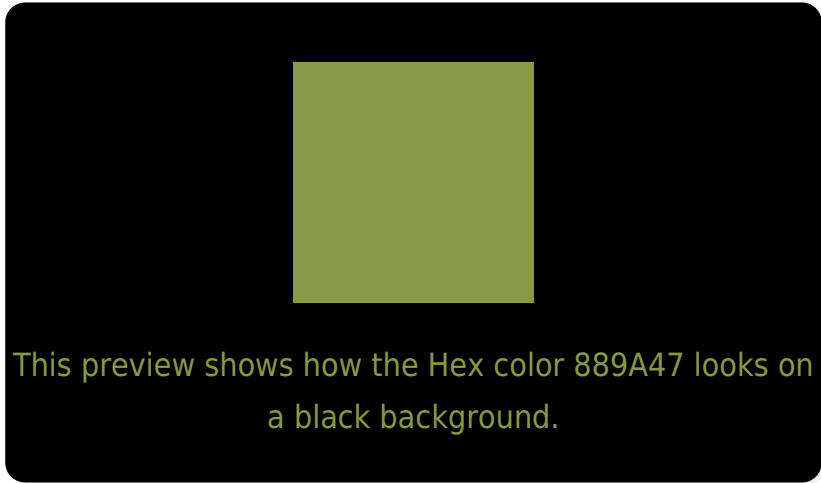
Large Text (above 18pt) WCAG AA ✓ Pass

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 889A47 Background



This preview shows how black text looks on a background with the Hex color 889A47.




This preview shows how white text looks on a background with the Hex color 889A47.

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
92919C

Trichromacy



Original Color
889A47

Protanomaly
999545

Deuteranomaly
A3904A

Tritanomaly
8E947D

Monochromacy



Original Color
889A47

Achromatopsia
8B8B8B

Achromatomaly
8A9072

CSS Examples

Text

The CSS property to change the color of the text to Hex 889A47 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 #889A47 looks like.

```
.text, #text, p{  
    color:#889A47  
}
```

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 #889A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #889A47
}
```

Border

The CSS property to change the border of an element to Hex 889A47 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
#889A47 }
```

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

```
.border{ border-color:#889A47 }
```

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

Here you see how a box with a 4 pixel #889A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #889A47; -webkit-box-shadow:4px 4px  
4px 4px #889A47; box-shadow:4px 4px 4px  
4px #889A47 }
```

Background

The CSS property to change the background color of an element to Hex 889A47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#889A47 }
```

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

```
.background{ background-color:#889A47 }
```

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