

Converting Colors

Hex(89883E)

Have a look what the booklet for
Hex(89883E) contains.

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Color

Hex(89883E)

Conversions

Conversions Part 1

Format	Color
Hex	89883E
RGB	137, 136, 62
RGB Percent	54%, 53%, 24%
CMY	0.4627, 0.4667, 0.7569
CMYK	0.00, 0.01, 0.55, 0.46
HSL	59°, 38%, 39%
HSV	59°, 55%, 54%
XYZ	19.9902, 23.2745, 7.9963
YIQ	127.8630, 24.3500, -22.8020

Conversions

Conversions Part 2

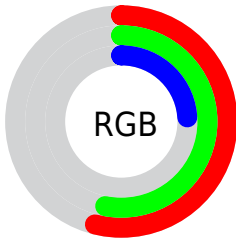
Format	Color
RYB	63, 137, 62
Decimal	9013310
CIELab	55.35, -10.21, 39.27
CIELCh	55, 40.577, 104.579
Yxy	23.2745, 0.3900, 0.4540
Android (android.graphics.Color)	4287203390 (0xFF89883E)
YUV	127.8630, -32.4705, 8.0131
Hunter-Lab	48.2436, -10.4633, 23.9434

Details

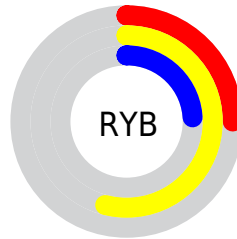
The Hex color **89883E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3E3F89**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **C0BD70**, and **55560B** is the 20% darker color. If you saturate the color by 10%, you get **898830**, and if you desaturate by 10%, it is **89884C**.

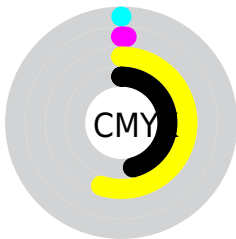
Distribution



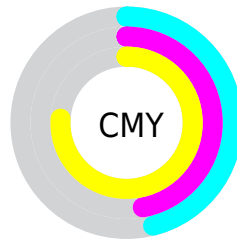
- Red (54%)
- Green (53%)
- Blue (24%)



- Red (25%)
- Yellow (54%)
- Blue (24%)



- Cyan (0%)
- Magenta (1%)
- Yellow (55%)
- Black (46%)



- Cyan (46%)
- Magenta (47%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89883E 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 89883E by changing the saturation by 10% instead.

 89883E

 89883E

FFFFFF

 6F6F26

 C0BD70

 55560B

 DDD98A

 3C3F00

 FAF5A5

 242A00

 FFFFC0

 041600

 FFFFDD

 000000

 FFFFF9

 89883E

 89883E

 898830

 89884C

■ 898823

■ 898859

■ 898715

■ 898967

■ 898707

■ 898975

■ 898700

■ 898983

■ 898990

■ 89899E

■ 8989AC

■ 898AB9

Harmonies

Analogous

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



A97C40



89883E



629151

Triad

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



89883E



0094B5



BD6A98

Complementary

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



89883E



3E3F89

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.



9D75B7



89883E



008DC8

Square

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



89883E



009795



6A82C9



C76875

Rectangle

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



89883E



419465



6A82C9



B46DA3

Sweetspot

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



89883E



B3B296



893E3F



595948



D9D9D9



595959

Same Dimension

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



89883E



B3B13D



65893E



45453E



858300



050500

Inverse Universe

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



3E3F89



3D3EB3



623E89



3E3E45



000285



000005

Previews

White Background



This preview shows how the Hex color 89883E looks on a white background.

Color Contrast Check

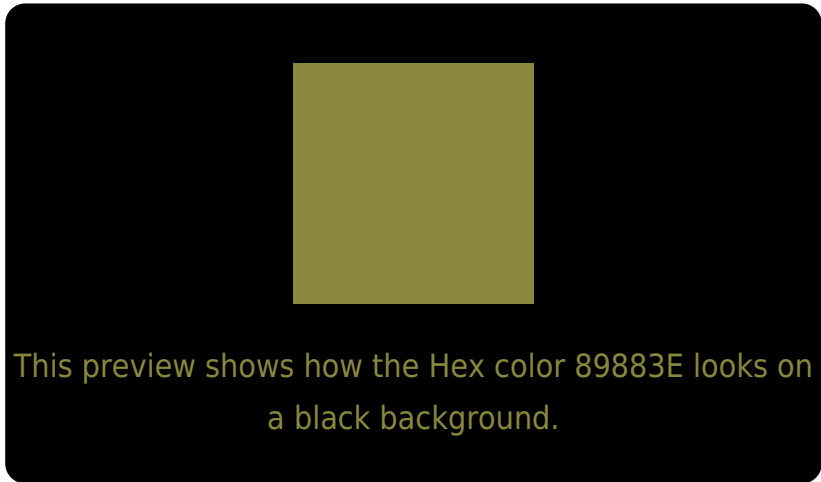
Large Text (above 18pt) WCAG AA ✓ Pass

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

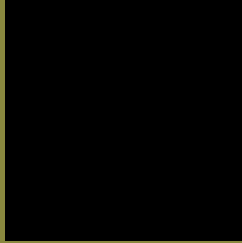
Any Text WCAG AA ✓ Pass

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 89883E Background



This preview shows how black text looks on a background with the Hex color 89883E.



This preview shows how white text looks on a background with the Hex color 89883E.

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
89883E

Protanopia
93853D

Deuteranopia
A37E41



Tritanopia
91808A

Trichromacy



Original Color
89883E

Protanomaly
8F863D

Deuteranomaly
9A8240

Tritanomaly
8E836E

Monochromacy



Original Color
89883E

Achromatopsia
808080

Achromatomaly
838368

CSS Examples

Text

The CSS property to change the color of the text to Hex 89883E 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 #89883E looks like.

```
.text, #text, p{  
    color:#89883E  
}
```

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 #89883E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89883E
}
```

Border

The CSS property to change the border of an element to Hex 89883E 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
#89883E }
```

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

```
.border{ border-color:#89883E }
```

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

Here you see how a box with a 4 pixel #89883E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89883E; -webkit-box-shadow:4px 4px  
4px 4px #89883E; box-shadow:4px 4px 4px  
4px #89883E }
```

Background

The CSS property to change the background color of an element to Hex 89883E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89883E }
```

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

```
.background{ background-color:#89883E }
```

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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