

Converting Colors

Hex(80885E)

Have a look what the booklet for
Hex(80885E) contains.

Hex(80885E)	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(80885E)

Conversions

Conversions Part 1

Format	Color
Hex	80885E
RGB	128, 136, 94
RGB Percent	50%, 53%, 37%
CMY	0.4980, 0.4667, 0.6314
CMYK	0.06, 0.00, 0.31, 0.47
HSL	71°, 18%, 45%
HSV	71°, 31%, 53%
XYZ	19.7266, 23.0057, 13.9905
YIQ	128.8200, 8.7140, -14.7580

Conversions

Conversions Part 2

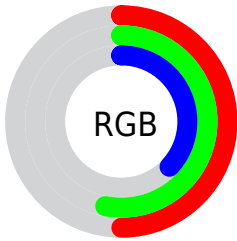
Format	Color
R_{YB}	94, 136, 102
Decimal	8423518
CIE _{Lab}	55.08, -10.34, 21.63
CIE _{LCh}	55, 23.970, 115.548
Yxy	23.0057, 0.3478, 0.4056
Android (android.graphics.Color)	4286613598 (0xFF80885E)
YUV	128.8200, -17.1663, -0.7191
Hunter-Lab	47.9642, -10.5243, 16.2809

Details

The Hex color **80885E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **665E88**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B5BD91**, and **4E562F** is the 20% darker color. If you saturate the color by 10%, you get **7D8850**, and if you desaturate by 10%, it is **83886C**.

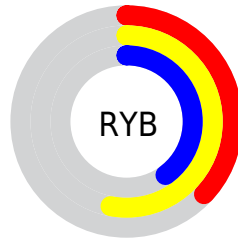
Distribution



Red (50%)

Green (53%)

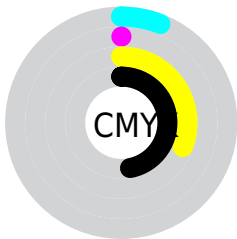
Blue (37%)



Red (37%)

Yellow (53%)

Blue (40%)

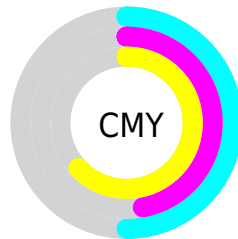


Cyan (6%)

Magenta (0%)

Yellow (31%)

Black (47%)



Cyan (50%)

Magenta (47%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80885E 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 80885E by changing the saturation by 10% instead.

 80885E

 80885E

FFFFFF

 676F46

 B5BD91

 4E562F

 D1D9AB

 373F1A

 EDF6C7

 212900

 FFFFE3

 021600

 000000

 80885E

 80885E

 7D8850

 83886C

 7B8843

 858879

■ 788835

■ 888887

■ 768828

■ 8A8894

■ 73881A

■ 8D88A2

■ 70880C

■ 9088B0

■ 6E8800

■ 9288BD

■ 9588CB

■ 9788D8

Harmonies

Analogous

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



96815B



80885E



688D6C

Triad

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



80885E



4A8CA5



AA7588

Complementary

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



80885E



665E88

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.



9B799C



80885E



6587AD

Square

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



80885E



438F95



8380A9



AD7673

Rectangle

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



80885E



588F79



8380A9



A7768F

Sweetspot

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



80885E



ADB0A0



88665E



57594F



D9D9D9



595959

Same Dimension

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



80885E



A4B06F



6B885E



44453E



6B8500



040500

Inverse Universe

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



665E88



7B6FB0



7B5E88



3F3E45



190085



010005

Previews

White Background



This preview shows how the Hex color 80885E looks on a white background.

Color Contrast Check

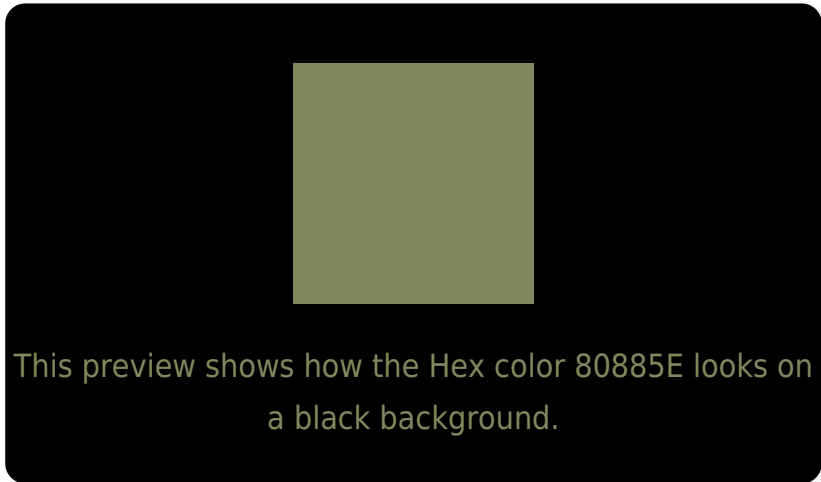
Large Text (above 18pt) WCAG AA ✓ Pass

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

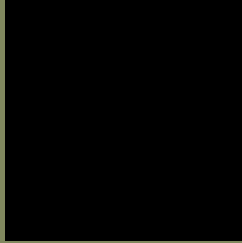
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

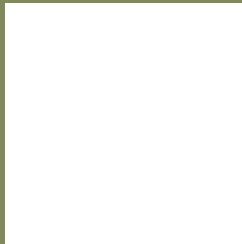
Any Text WCAG AAA × Fail

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

Hex 80885E Background



This preview shows how black text looks on a background with the Hex color 80885E.



This preview shows how white text looks on a background with the Hex color 80885E.

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
80885E

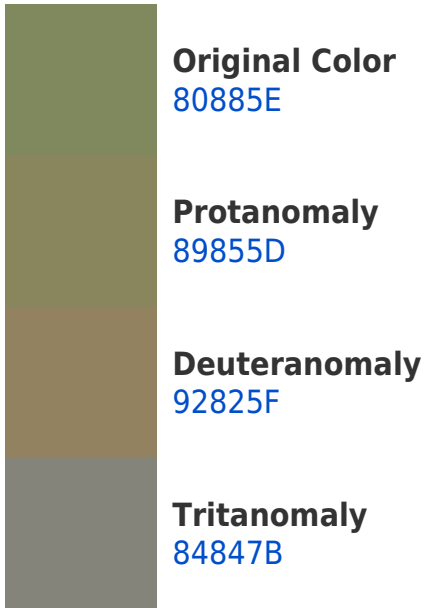
Protanopia
8E845C

Deuteranopia
9C7E60

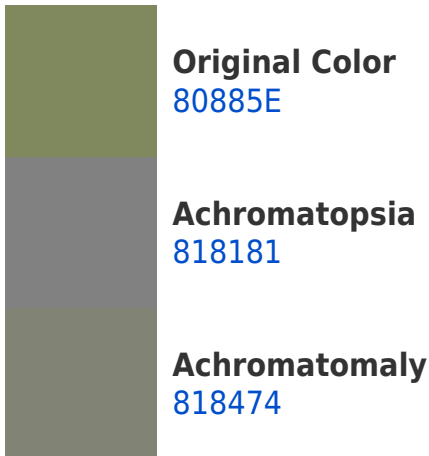


Tritanopia
86828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80885E 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 #80885E looks like.

```
.text, #text, p{  
    color:#80885E  
}
```

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 #80885E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80885E
}
```

Border

The CSS property to change the border of an element to Hex 80885E is called "border". The border property can be set on classes, ids or directly on the HTML element.

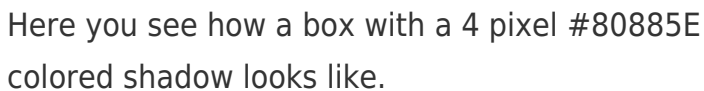
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80885E }
```

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

```
.border{ border-color:#80885E }
```

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



Here you see how a box with a 4 pixel #80885E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80885E; -webkit-box-shadow:4px 4px  
4px 4px #80885E; box-shadow:4px 4px 4px  
4px #80885E }
```

Background

The CSS property to change the background color of an element to Hex 80885E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80885E }
```

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

```
.background{ background-color:#80885E }
```

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