

Converting Colors

Hex(7B885E)

Have a look what the booklet for
Hex(7B885E) contains.

Hex(7B885E)	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(7B885E)

Conversions

Conversions Part 1

Format	Color
Hex	7B885E
RGB	123, 136, 94
RGB Percent	48%, 53%, 37%
CMY	0.5176, 0.4667, 0.6314
CMYK	0.10, 0.00, 0.31, 0.47
HSL	79°, 18%, 45%
HSV	79°, 31%, 53%
XYZ	18.9929, 22.6274, 13.9562
YIQ	127.3250, 5.7340, -15.8180

Conversions

Conversions Part 2

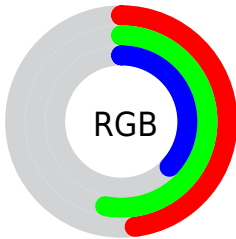
Format	Color
R_{YB}	94, 136, 107
Decimal	8095838
CIE _{Lab}	54.69, -12.37, 21.03
CIE _{LCh}	55, 24.399, 120.452
Y _{xy}	22.6274, 0.3417, 0.4071
Android (android.graphics.Color)	4286285918 (0xFF7B885E)
Y _{UV}	127.3250, -16.4292, -3.7930
Hunter-Lab	47.5683, -11.9736, 15.9026

Details

The Hex color **7B885E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6B5E88**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B0BD91**, and **4A562F** is the 20% darker color. If you saturate the color by 10%, you get **778850**, and if you desaturate by 10%, it is **7F886C**.

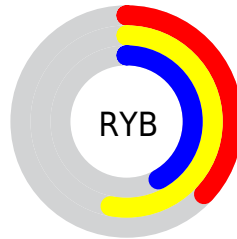
Distribution



Red (48%)

Green (53%)

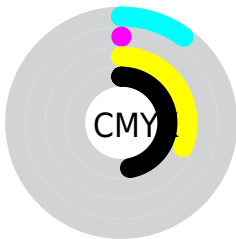
Blue (37%)



Red (37%)

Yellow (53%)

Blue (42%)

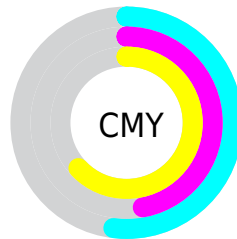


Cyan (10%)

Magenta (0%)

Yellow (31%)

Black (47%)



Cyan (52%)

Magenta (47%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B885E 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 7B885E by changing the saturation by 10% instead.



7B885E



7B885E

FFFFFF



626F46



B0BD91



4A562F



CCD9AB



323F1A



E8F6C7



1D2900



FFFFE3



001600



000000



7B885E



7B885E



778850



7F886C



738843



838879

 6E8835

 888887

 6A8828

 8C8894

 66881A

 9088A2

 62880C

 9488B0

 5E8800

 9888BD

 9D88CB

 A188D8

Harmonies

Analogous

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



918259



7B885E



628C6D

Triad

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



7B885E



4B8BA7



AB7383

Complementary

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



7B885E



6B5E88

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.



9E7798



7B885E



6885AD

Square

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



7B885E



3F8E97



867DA7



AC756E

Rectangle

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



7B885E



538E7B



867DA7



A8748A

Sweetspot

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



7B885E



ABB0A0



886B5E



56594F



D9D9D9



595959

Same Dimension

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



7B885E



9CB06F



66885E



43453E



5C8500



040500

Inverse Universe

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



6B5E88



836FB0



805E88



403E45



290085



020005

Previews

White Background



This preview shows how the Hex color 7B885E looks on a white background.

Color Contrast Check

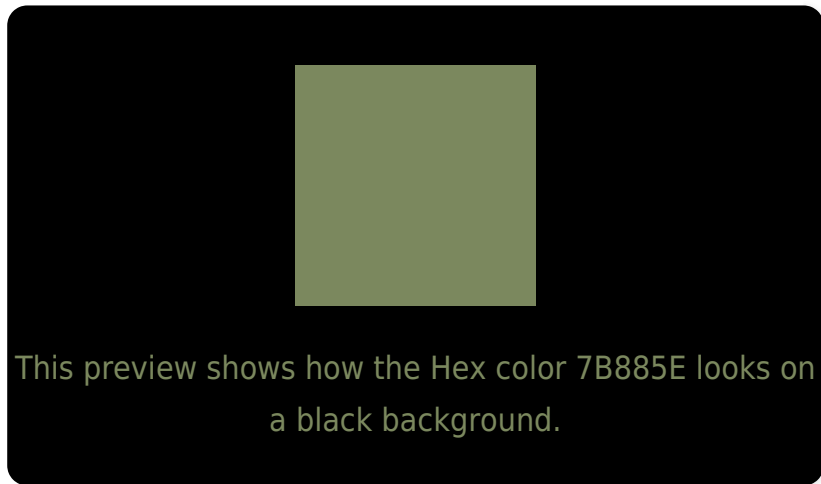
Large Text (above 18pt) WCAG AA ✓ Pass

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

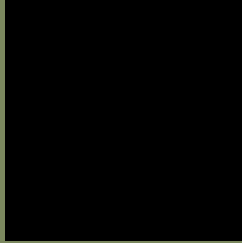
Any Text WCAG AA ✓ Pass

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 7B885E Background



This preview shows how black text looks on a background with the Hex color 7B885E.



This preview shows how white text looks on a background with the Hex color 7B885E.

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
7B885E

Protanopia
8D835C

Deuteranopia
9A7D60



Tritanopia
81828C

Trichromacy



Original Color
7B885E

Protanomaly
86855D

Deuteranomaly
8F815F

Tritanomaly
7F847B

Monochromacy



Original Color
7B885E

Achromatopsia
7F7F7F

Achromatomaly
7E8273

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B885E 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 #7B885E looks like.

```
.text, #text, p{  
    color:#7B885E  
}
```

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 #7B885E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B885E
}
```

Border

The CSS property to change the border of an element to Hex 7B885E 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
#7B885E }
```

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

```
.border{ border-color:#7B885E }
```

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

Here you see how a box with a 4 pixel #7B885E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B885E; -webkit-box-shadow:4px 4px  
4px 4px #7B885E; box-shadow:4px 4px 4px  
4px #7B885E }
```

Background

The CSS property to change the background color of an element to Hex 7B885E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B885E }
```

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

```
.background{ background-color:#7B885E }
```

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