

Converting Colors

Hex(85811E)

Have a look what the booklet for
Hex(85811E) contains.

Hex(85811E)	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(85811E)

Conversions

Conversions Part 1

Format	Color
Hex	85811E
RGB	133, 129, 30
RGB Percent	52%, 51%, 12%
CMY	0.4784, 0.4941, 0.8824
CMYK	0.00, 0.03, 0.77, 0.48
HSL	58°, 63%, 32%
HSV	58°, 77%, 52%
XYZ	17.7575, 20.7808, 4.3035
YIQ	118.9100, 34.1630, -29.9410

Conversions

Conversions Part 2

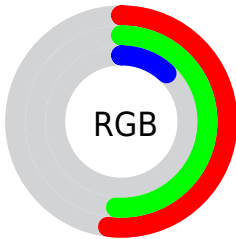
Format	Color
R_{YB}	34, 133, 30
Decimal	8749342
CIE _{Lab}	52.71, -10.32, 50.34
CIE _{LCh}	53, 51.384, 101.588
Yxy	20.7808, 0.4145, 0.4851
Android (android.graphics.Color)	4286939422 (0xFF85811E)
YUV	118.9100, -43.8326, 12.3569
Hunter-Lab	45.5860, -10.2429, 26.3130

Details

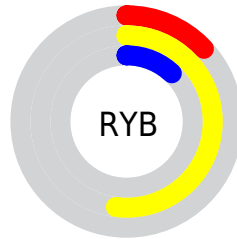
The Hex color **85811E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **1E2285**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **BDB653**, and **505000** is the 20% darker color. If you saturate the color by 10%, you get **858011**, and if you desaturate by 10%, it is **85822B**.

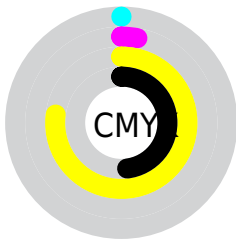
Distribution



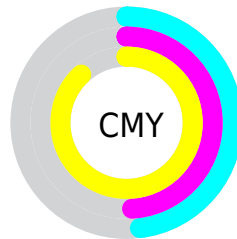
- Red (52%)
- Green (51%)
- Blue (12%)



- Red (13%)
- Yellow (52%)
- Blue (12%)



- Cyan (0%)
- Magenta (3%)
- Yellow (77%)
- Black (48%)



- Cyan (48%)
- Magenta (49%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85811E 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 85811E by changing the saturation by 10% instead.

 85811E

 85811E

FFFFFF

 6A6800

 BDB653

 505000

 DAD16D

 363900

 F7ED87

 1E2400

 FFFFA2

 001000

 FFFFBE

 000000

 FFFFDB

 FFFFF8

 85811E

 85811E

■ 858011

■ 85822B

■ 858003

■ 858239

■ 858000

■ 858346

■ 858353

■ 858461

■ 85846E

■ 85857B

■ 858588

■ 858696

Harmonies

Analogous

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



AB7226



85811E



548B38

Triad

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



85811E



0091B7



C05A9B

Complementary

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



85811E



1E2285

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.



966BC0



85811E



008AD1

Square

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



85811E



00938E



477DD4



CE556E

Rectangle

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



85811E



1F9052



477DD4



B55FA9

Sweetspot

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



85811E



ADAC86



851E23



57563E



D6D6D6



575757

Same Dimension

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



85811E



ADA70C



57851E



42423C



827D00



030200

Inverse Universe

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



1E2285



0C12AD



4C1E85



3C3C42



000582



000003

Previews

White Background



This preview shows how the Hex color 85811E looks on a white background.

Color Contrast Check

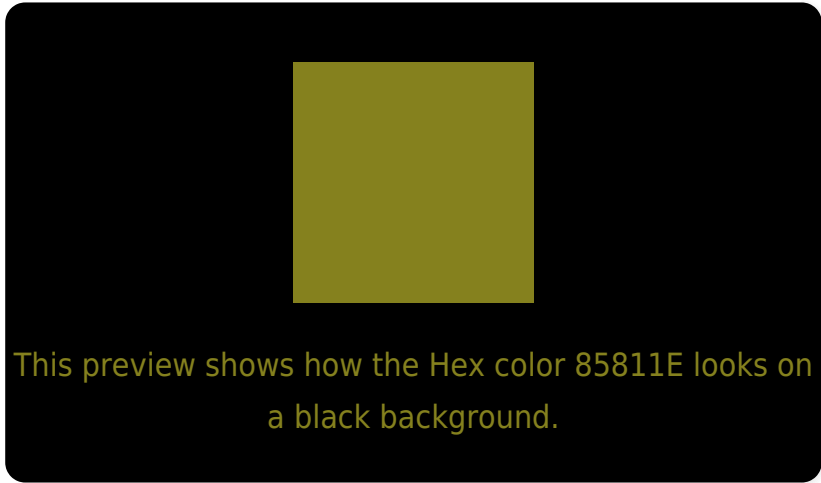
Large Text (above 18pt) WCAG AA ✓ Pass

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

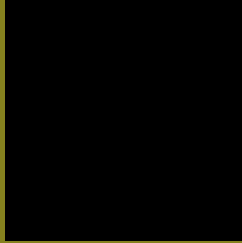
Any Text WCAG AA ✓ Pass

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 85811E Background



This preview shows how black text looks on a background with the Hex color 85811E.



This preview shows how white text looks on a background with the Hex color 85811E.

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
85811E

Protanopia
8D7E1D

Deuteranopia
9E7723



Tritanopia
8D7882

Trichromacy



Original Color
85811E

Protanomaly
8A7F1D

Deuteranomaly
957B21

Tritanomaly
8A7B5E

Monochromacy



Original Color
85811E

Achromatopsia
777777

Achromatomaly
7C7B57

CSS Examples

Text

The CSS property to change the color of the text to Hex 85811E 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 #85811E looks like.

```
.text, #text, p{  
    color:#85811E  
}
```

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 #85811E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85811E
}
```

Border

The CSS property to change the border of an element to Hex 85811E 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
#85811E }
```

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

```
.border{ border-color:#85811E }
```

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

Here you see how a box with a 4 pixel #85811E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85811E; -webkit-box-shadow:4px 4px  
4px 4px #85811E; box-shadow:4px 4px 4px  
4px #85811E }
```

Background

The CSS property to change the background color of an element to Hex 85811E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85811E }
```

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

```
.background{ background-color:#85811E }
```

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