

Converting Colors

Hex(83802E)

Have a look what the booklet for
Hex(83802E) contains.

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Color

Hex(83802E)

Conversions

Conversions Part 1

Format	Color
Hex	83802E
RGB	131, 128, 46
RGB Percent	51%, 50%, 18%
CMY	0.4863, 0.4980, 0.8196
CMYK	0.00, 0.02, 0.65, 0.49
HSL	58°, 48%, 35%
HSV	58°, 65%, 51%
XYZ	17.5724, 20.4609, 5.6080
YIQ	119.5490, 28.1100, -24.8660

Conversions

Conversions Part 2

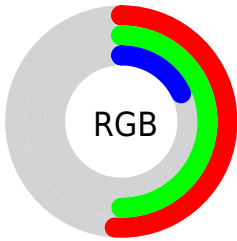
Format	Color
R_{YB}	49, 131, 46
Decimal	8618030
CIE _{Lab}	52.35, -9.79, 43.44
CIE _{LCh}	52, 44.530, 102.702
Yxy	20.4609, 0.4027, 0.4688
Android (android.graphics.Color)	4286808110 (0xFF83802E)
YUV	119.5490, -36.2597, 10.0425
Hunter-Lab	45.2337, -9.8154, 24.3130

Details

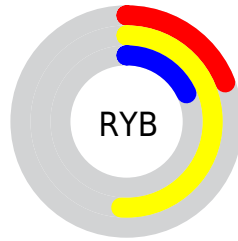
The Hex color **83802E** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2E3183**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **BAB560**, and **4F4F00** is the 20% darker color. If you saturate the color by 10%, you get **838021**, and if you desaturate by 10%, it is **83803B**.

Distribution



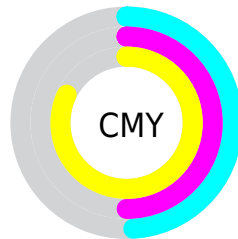
- Red (51%)
- Green (50%)
- Blue (18%)



- Red (19%)
- Yellow (51%)
- Blue (18%)



- Cyan (0%)
- Magenta (2%)
- Yellow (65%)
- Black (49%)



- Cyan (49%)
- Magenta (50%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83802E 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 83802E by changing the saturation by 10% instead.

 83802E

 83802E

FFFFFF

 686714

 BAB560

 4F4F00

 D7D07A

 363800

 F4EC94

 1D2300

 FFFFB0

 000F00

 FFFFCC

 000000

 FFFFEE

 83802E

 83802E

 838021

 83803B

■ 837F14

■ 838148

■ 837F07

■ 838155

■ 837E00

■ 838262

■ 838270

■ 83837D

■ 83838A

■ 838497

■ 8384A4

Harmonies

Analogous

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



A57332



83802E



598942

Triad

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



83802E



008EB0



B85F95

Complementary

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



83802E



2E3183

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.



946CB5



83802E



0087C5

Square

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



83802E



00908C



577BC7



C45C6E

Rectangle

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



83802E



328D58



577BC7



AE63A1

Sweetspot

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



83802E



ABAA8A



832E32



575643



D6D6D6



575757

Same Dimension

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



83802E



ABA626



5D832E



42423C



827D00



030200

Inverse Universe

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



2E3183



262AAB



542E83



3C3C42



000582



000003

Previews

White Background



This preview shows how the Hex color 83802E looks on a white background.

Color Contrast Check

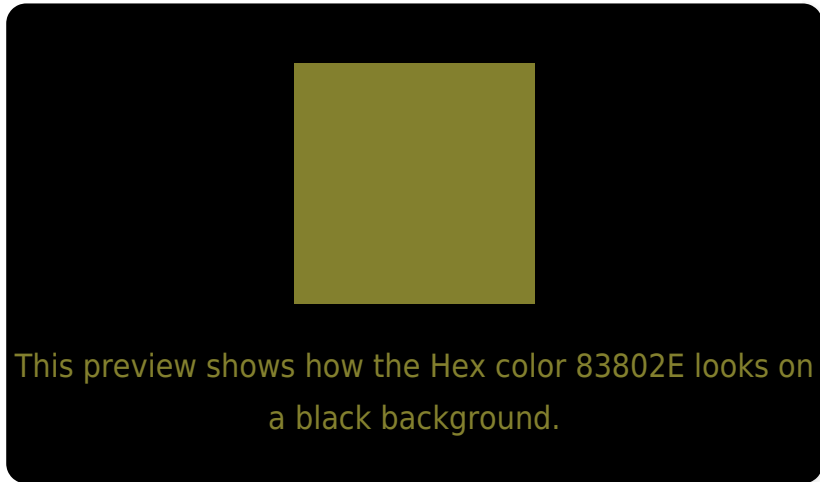
Large Text (above 18pt) WCAG AA ✓ Pass

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

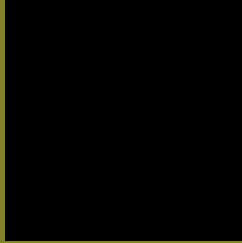
Any Text WCAG AA ✓ Pass

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 83802E Background



This preview shows how black text looks on a background with the Hex color 83802E.



This preview shows how white text looks on a background with the Hex color 83802E.

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
83802E

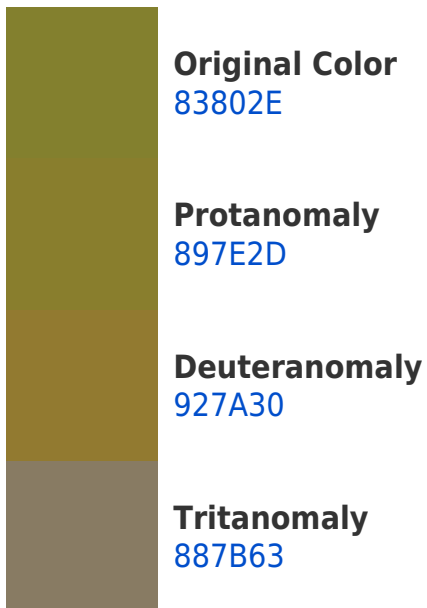
Protanopia
8C7D2D

Deuteranopia
9B7731

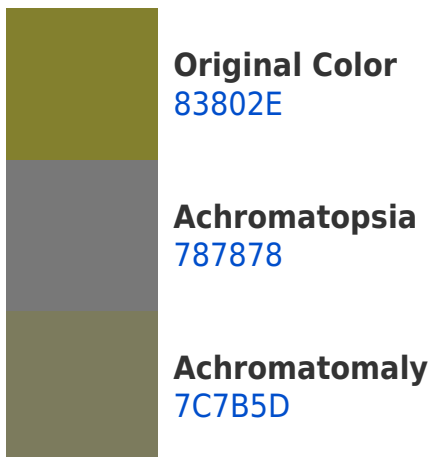


Tritanopia
8B7881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83802E 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 #83802E looks like.

```
.text, #text, p{  
    color:#83802E  
}
```

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 #83802E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83802E
}
```

Border

The CSS property to change the border of an element to Hex 83802E 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
#83802E }
```

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

```
.border{ border-color:#83802E }
```

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

Here you see how a box with a 4 pixel #83802E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83802E; -webkit-box-shadow:4px 4px  
4px 4px #83802E; box-shadow:4px 4px 4px  
4px #83802E }
```

Background

The CSS property to change the background color of an element to Hex 83802E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83802E }
```

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

```
.background{ background-color:#83802E }
```

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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