

Converting Colors

Hex(855E37)

Have a look what the booklet for
Hex(855E37) contains.

Hex(855E37)	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(855E37)

Conversions

Conversions Part 1

Format	Color
Hex	855E37
RGB	133, 94, 55
RGB Percent	52%, 37%, 22%
CMY	0.4784, 0.6314, 0.7843
CMYK	0.00, 0.29, 0.59, 0.48
HSL	30°, 41%, 37%
HSV	30°, 59%, 52%
XYZ	14.3652, 13.2678, 5.4182
YIQ	101.2150, 35.7630, -3.8610

Conversions

Conversions Part 2

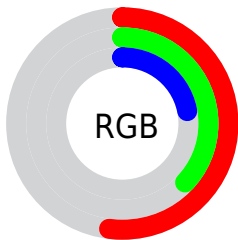
Format	Color
R_{YB}	133, 133, 55
Decimal	8740407
CIE Lab	43.16, 11.32, 28.44
CIE LCh	43, 30.612, 68.303
Yxy	13.2678, 0.4346, 0.4014
Android (android.graphics.Color)	4286930487 (0xFF855E37)
YUV	101.2150, -22.7840, 27.8754
Hunter-Lab	36.4250, 6.6525, 16.6781

Details

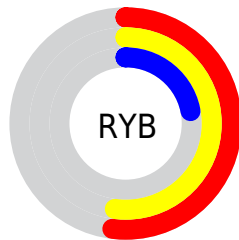
The Hex color **855E37** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **375E85**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **BC9067**, and **50300A** is the 20% darker color. If you saturate the color by 10%, you get **85572A**, and if you desaturate by 10%, it is **856544**.

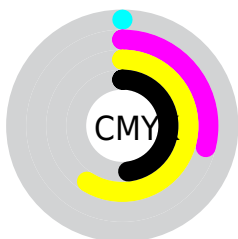
Distribution



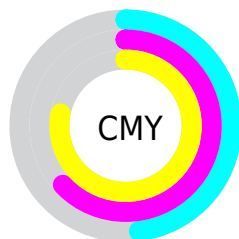
- Red (52%)
- Green (37%)
- Blue (22%)



- Red (52%)
- Yellow (52%)
- Blue (22%)



- Cyan (0%)
- Magenta (29%)
- Yellow (59%)
- Black (48%)



- Cyan (48%)
- Magenta (63%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 855E37 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 855E37 by changing the saturation by 10% instead.

 855E37

 855E37

FFFFFF

 6A4621

 BC9067

 50300A

 D9AB80

 381B00

 F6C69A

 200200

 FFE2B5

 000000

 FFFFD1

 FFFFED

 855E37

 855E37

 85572A

 856544

■ 85511C

■ 856B52

■ 854A0F

■ 85725F

■ 854302

■ 85796C

■ 854300

■ 857F7A

■ 858687

■ 858D94

■ 8593A1

■ 859AAF

Harmonies

Analogous

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



935648



855E37



6F6733

Triad

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



855E37



00736C



725D8E

Complementary

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



855E37



375E85

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.



4A6698



855E37



007285

Square

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



855E37



327252



076E95



8B5479

Rectangle

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



855E37



5D6C38



076E95



666093

Sweetspot

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



855E37



AD9E8E



85375E



574D44



D6D6D6



575757

Same Dimension

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



855E37



AD7134



858537



423F3C



824100



030100

Inverse Universe

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



375E85



3471AD



373785



3C3F42



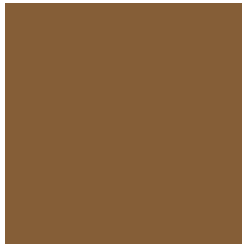
004182



000103

Previews

White Background



This preview shows how the Hex color 855E37 looks on a white background.

Color Contrast Check

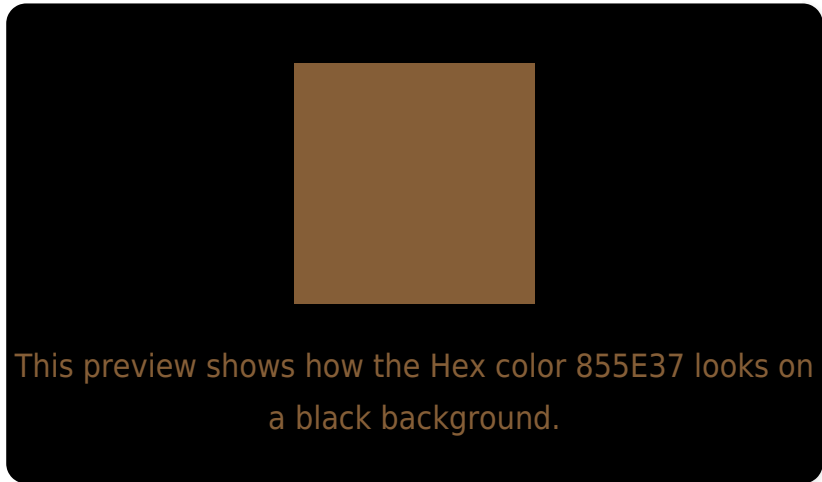
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 855E37 Background



This preview shows how black text looks on a background with the Hex color 855E37.



This preview shows how white text looks on a background with the Hex color 855E37.

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
855E37

Protanopia
70663A

Deuteranopia
7D6136



Tritanopia
885960

Trichromacy



Original Color
855E37

Protanomaly
786339

Deuteranomaly
806036

Tritanomaly
875B51

Monochromacy



Original Color
855E37

Achromatopsia
656565

Achromatomaly
716254

CSS Examples

Text

The CSS property to change the color of the text to Hex 855E37 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 #855E37 looks like.

```
.text, #text, p{  
    color:#855E37  
}
```

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 #855E37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #855E37
}
```

Border

The CSS property to change the border of an element to Hex 855E37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

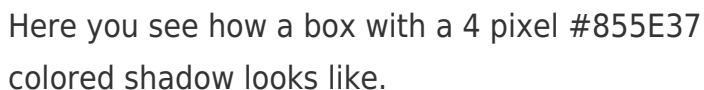
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#855E37 }
```

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

```
.border{ border-color:#855E37 }
```

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



Here you see how a box with a 4 pixel #855E37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #855E37; -webkit-box-shadow:4px 4px  
4px 4px #855E37; box-shadow:4px 4px 4px  
4px #855E37 }
```

Background

The CSS property to change the background color of an element to Hex 855E37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#855E37 }
```

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

```
.background{ background-color:#855E37 }
```

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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