

Converting Colors

Hex(835525)

Have a look what the booklet for
Hex(835525) contains.

Hex(835525)	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(835525)

Conversions

Conversions Part 1

Format	Color
Hex	835525
RGB	131, 85, 37
RGB Percent	51%, 33%, 15%
CMY	0.4863, 0.6667, 0.8549
CMYK	0.00, 0.35, 0.72, 0.49
HSL	31°, 56%, 33%
HSV	31°, 72%, 51%
XYZ	12.9425, 11.4559, 3.2793
YIQ	93.2820, 42.8240, -5.1760

Conversions

Conversions Part 2

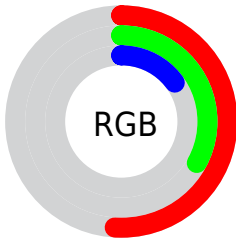
Format	Color
R_{YB}	127, 131, 37
Decimal	8607013
CIE Lab	40.34, 14.40, 34.91
CIE LCh	40, 37.761, 67.585
Yxy	11.4559, 0.4676, 0.4139
Android (android.graphics.Color)	4286797093 (0xFF835525)
YUV	93.2820, -27.7470, 33.0787
Hunter-Lab	33.8465, 9.0249, 17.9481

Details

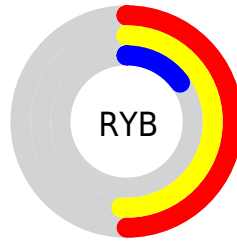
The Hex color **835525** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **255383**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **BB8754**, and **4E2800** is the 20% darker color. If you saturate the color by 10%, you get **834F18**, and if you desaturate by 10%, it is **835B32**.

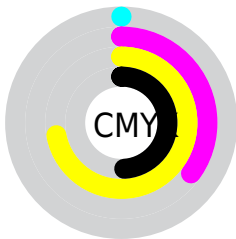
Distribution



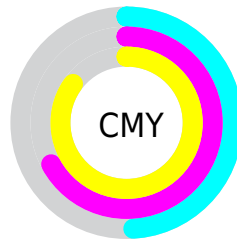
- Red (51%)
- Green (33%)
- Blue (15%)



- Red (50%)
- Yellow (51%)
- Blue (15%)



- Cyan (0%)
- Magenta (35%)
- Yellow (72%)
- Black (49%)



- Cyan (49%)
- Magenta (67%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 835525 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 835525 by changing the saturation by 10% instead.



835525



835525

FFFFFF



683E0E



BB8754



4E2800



D8A16D



331300



F6BC87



1D0000



FFD8A1



000000



FFF4BD



FFFFD9



FFFFF5



835525



835525

■ 834F18

■ 835B32

■ 83480B

■ 83623F

■ 834300

■ 83684C

■ 836F59

■ 837567

■ 837B74

■ 838281

■ 83888E

■ 838F9B

Harmonies

Analogous

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



944A3B



835525



69601E

Triad

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



835525



006E66



6B5490

Complementary

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



835525



255383

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.



33609C



835525



006D84

Square

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



835525



146D46



006998



8B4877

Rectangle

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



835525



546625



006998



5C5896

Sweetspot

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



835525



AB9885



832554



574C40



D6D6D6



575757

Same Dimension

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



835525



AB6318



838325



423F3C



824200



030100

Inverse Universe

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



255383



1860AB



252583



3C3F42



004082



000103

Previews

White Background



This preview shows how the Hex color 835525 looks on a white background.

Color Contrast Check

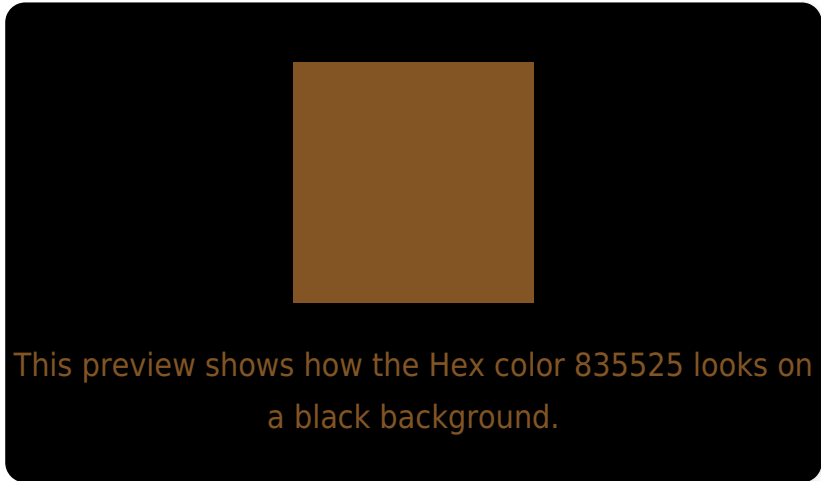
Large Text (above 18pt) WCAG AA ✓ Pass

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 835525 Background



This preview shows how black text looks on a background with the Hex color 835525.



This preview shows how white text looks on a background with the Hex color 835525.

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
835525

Protanopia
6A6028

Deuteranopia
775B23



Tritanopia
865056

Trichromacy



Original Color
835525

Protanomaly
735C27

Deuteranomaly
7B5924

Tritanomaly
85244

Monochromacy



Original Color
835525

Achromatopsia
5D5D5D

Achromatomaly
6B5A49

CSS Examples

Text

The CSS property to change the color of the text to Hex 835525 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 #835525 looks like.

```
.text, #text, p{  
    color:#835525  
}
```

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 #835525 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #835525
}
```

Border

The CSS property to change the border of an element to Hex 835525 is called "border". The border property can be set on classes, ids or directly on the HTML element.

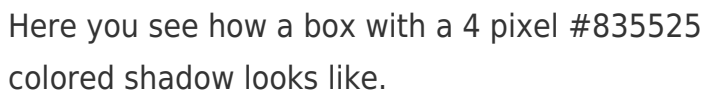
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#835525 }
```

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

```
.border{ border-color:#835525 }
```

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



Here you see how a box with a 4 pixel #835525 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #835525; -webkit-box-shadow:4px 4px  
4px 4px #835525; box-shadow:4px 4px 4px  
4px #835525 }
```

Background

The CSS property to change the background color of an element to Hex 835525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#835525 }
```

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

```
.background{ background-color:#835525 }
```

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