

# Converting Colors

Hex(815633)

Have a look what the booklet for  
Hex(815633) contains.

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**Color**

**Hex(815633)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	815633
RGB	129, 86, 51
RGB Percent	51%, 34%, 20%
CMY	0.4941, 0.6627, 0.8000
CMYK	0.00, 0.33, 0.60, 0.49
HSL	27°, 43%, 35%
HSV	27°, 60%, 51%
XYZ	12.9786, 11.5617, 4.6796
YIQ	94.8670, 36.8630, -1.7690

# Conversions

## Conversions Part 2

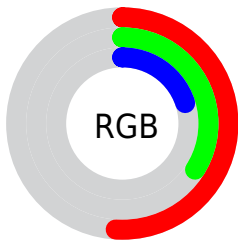
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 114, 51
Decimal	8476211
CIE <sub>Lab</sub>	40.51, 13.89, 27.38
CIE <sub>LCh</sub>	41, 30.700, 63.094
Yxy	11.5617, 0.4442, 0.3957
Android (android.graphics.Color)	4286666291 (0xFF815633)
YUV	94.8670, -21.6264, 29.9346
Hunter-Lab	34.0025, 8.6281, 15.6421

# Details

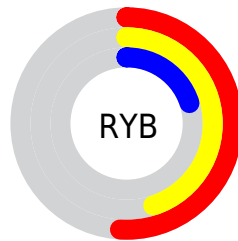
The Hex color **815633** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **335E81**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **B88862**, and **4C2905** is the 20% darker color. If you saturate the color by 10%, you get **814F26**, and if you desaturate by 10%, it is **815D40**.

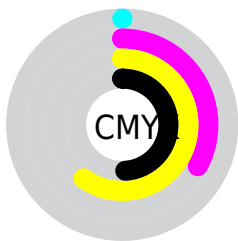
# Distribution



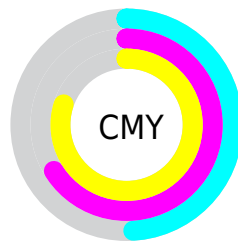
- Red (51%)
- Green (34%)
- Blue (20%)



- Red (51%)
- Yellow (45%)
- Blue (20%)



- Cyan (0%)
- Magenta (33%)
- Yellow (60%)
- Black (49%)




- Cyan (49%)
- Magenta (66%)
- Yellow (80%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 815633 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 815633 by changing the saturation by 10% instead.



 815633

 815633

FFFFFF

 663F1D

 B88862

 4C2905

 D5A27B

 331400

 F2BD95


 1C0000


 FFD9B0

 000000


 FFF6CC

 FFFFE8

 815633

 815633

 814F26

 815D40

■ 814819

■ 81644D

■ 81410C

■ 816B5A

■ 813A00

■ 817267

■ 817A74

■ 818180

■ 81888D

■ 818F9A

■ 8196A7

# Harmonies

## Analogous

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



8D4E45



815633



6C5F2C

# Triad

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



815633



006C61



65588A

# Complementary

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



815633



335E81

# 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.



3B6191



815633



006C7A

# Square

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



815633



326B48



00688C



814F77

# Rectangle

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



815633



5B6430



00688C



595B8E



# Sweetspot

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



815633



A8988A



81335F



544A42



D4D4D4



545454



# Same Dimension

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



815633



A8652D



817C33



403C39



803900



000000



# Inverse Universe

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



335E81



2D71A8



333881



393D40



004680

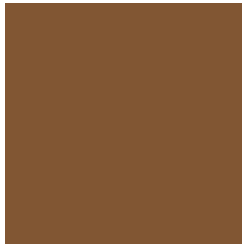


000000



# Previews

## White Background



This preview shows how the Hex color 815633 looks on a white background.

## Color Contrast Check

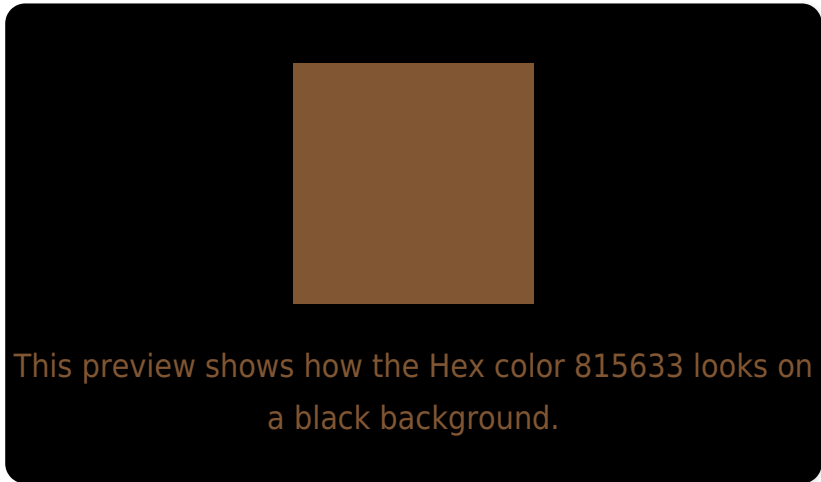
Large Text (above 18pt) WCAG AA ✓ Pass

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 815633 Background



This preview shows how black text looks on a background with the Hex color 815633.



This preview shows how white text looks on a background with the Hex color 815633.

# 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**  
815633

**Protanopia**  
696036

**Deuteranopia**  
765B32



**Tritanopia**  
845258

# Trichromacy



**Original Color**  
815633

**Protanomaly**  
725C35

**Deuteranomaly**  
7A5932

**Tritanomaly**  
83534B

# Monochromacy



**Original Color**  
815633

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
6B5C4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 815633 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 #815633 looks like.

```
.text, #text, p{  
    color:#815633  
}
```

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 #815633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #815633
}
```

## Border

The CSS property to change the border of an element to Hex 815633 is called "border". The border property can be set on classes, ids or directly on the HTML element.

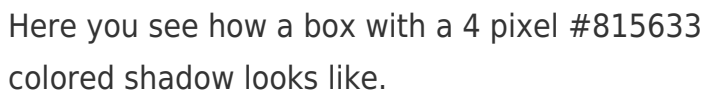
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#815633 }
```

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

```
.border{ border-color:#815633 }
```

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



Here you see how a box with a 4 pixel #815633 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #815633; -webkit-box-shadow:4px 4px  
4px 4px #815633; box-shadow:4px 4px 4px  
4px #815633 }
```

# Background

The CSS property to change the background color of an element to Hex 815633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#815633 }
```

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

```
.background{ background-color:#815633 }
```

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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