

# Converting Colors

Hex(815756)

Have a look what the booklet for  
Hex(815756) contains.

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**Color**

**Hex(815756)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	815756
RGB	129, 87, 86
RGB Percent	51%, 34%, 34%
CMY	0.4941, 0.6588, 0.6627
CMYK	0.00, 0.33, 0.33, 0.49
HSL	1°, 20%, 42%
HSV	1°, 33%, 51%
XYZ	14.1412, 12.1554, 10.4050
YIQ	99.4440, 25.3530, 8.5930

# Conversions

## Conversions Part 2

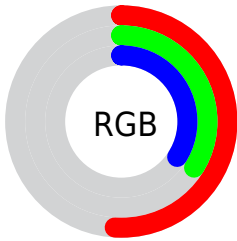
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">129, 87, 86</a>
Decimal	<a href="#">8476502</a>
CIELab	<a href="#">41.46, 17.26, 7.64</a>
CIELCh	<a href="#">41, 18.875, 23.860</a>
Yxy	<a href="#">12.1554, 0.3853, 0.3312</a>
Android (android.graphics.Color)	<a href="#">4286666582 (0xFF815756)</a>
YUV	<a href="#">99.4440, -6.6279, 25.9206</a>
Hunter-Lab	<a href="#">34.8646, 11.3870, 6.7107</a>

# Details

The Hex color **815756** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **568081**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **B78988**, and **4E2929** is the 20% darker color. If you saturate the color by 10%, you get **814A49**, and if you desaturate by 10%, it is **816463**.

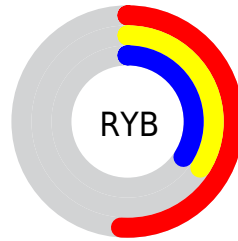
# Distribution



Red (51%)

Green (34%)

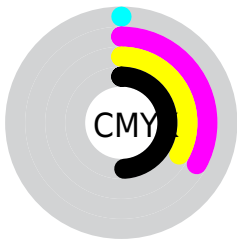
Blue (34%)



Red (51%)

Yellow (34%)

Blue (34%)

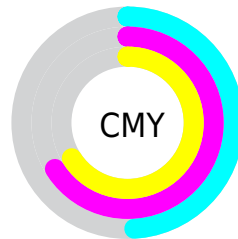


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (49%)



Cyan (49%)

Magenta (66%)


Yellow (66%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 815756 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 815756 by changing the saturation by 10% instead.



 815756

 815756

FFFFFF

 673F3F

 B78988

 4E2929

 D3A4A2

 361415


 F0BFBD


 220000

 FFDBD9

 000000


 FFF7F5


 815756

 815756

 814A49


 816463

 813E3C


 817070

 81312F

 817D7D

 812522

 81898A

 811816

 819697

 810B09

 81A3A3

 810300

 81AFB0

 81BCBD

 81C8CA

# Harmonies

## Analogous

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



7E5766



815756



7C5B49

# Triad

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



815756



4E684F



496480

# Complementary

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



815756



568081

# 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.



37687A



815756



3D6A5E

# Square

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



815756



606545



326A6E



605F7E

# Rectangle

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



815756



745E44



326A6E



42667F



# Sweetspot

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



815756



A89897



815680



544A4A



D4D4D4



545454



# Same Dimension

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



815756



A86765



816C56



403A39



800300



000000



# Inverse Universe

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



568081



65A7A8



566B81



394040



007D80



000000



# Previews

## White Background



This preview shows how the Hex color 815756 looks on a white background.

## Color Contrast Check

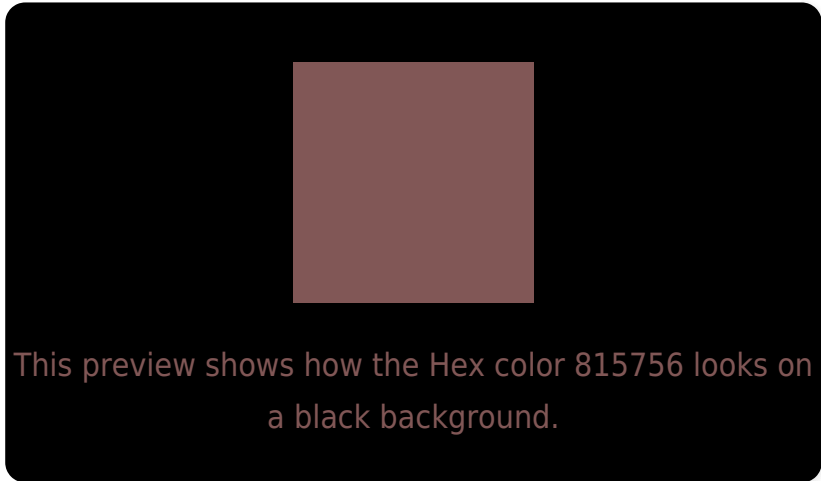
Large Text (above 18pt) WCAG AA ✓ Pass

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 815756 Background



This preview shows how black text looks on a background with the Hex color 815756.



This preview shows how white text looks on a background with the Hex color 815756.

# 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**  
815756

**Protanopia**  
65625C

**Deuteranopia**  
705E55



**Tritanopia**  
82565D

# Trichromacy



**Original Color**  
815756

**Protanomaly**  
6F5E5A

**Deuteranomaly**  
765B55

**Tritanomaly**  
82565A

# Monochromacy



**Original Color**  
815756

**Achromatopsia**  
636363

**Achromatomaly**  
6E5F5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 815756 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 #815756 looks like.

```
.text, #text, p{  
    color:#815756  
}
```

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 #815756 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #815756
}
```

## Border

The CSS property to change the border of an element to Hex 815756 is called "border". The border property can be set on classes, ids or directly on the HTML element.

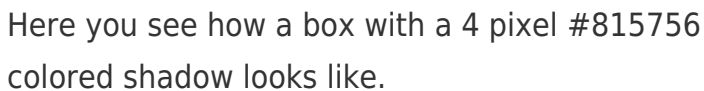
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#815756 }
```

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

```
.border{ border-color:#815756 }
```

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



Here you see how a box with a 4 pixel #815756 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #815756; -webkit-box-shadow:4px 4px  
4px 4px #815756; box-shadow:4px 4px 4px  
4px #815756 }
```

# Background

The CSS property to change the background color of an element to Hex 815756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#815756 }
```

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

```
.background{ background-color:#815756 }
```

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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