

# Converting Colors

Hex(815B57)

Have a look what the booklet for  
Hex(815B57) contains.

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**Color**

**Hex(815B57)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	815B57
RGB	129, 91, 87
RGB Percent	51%, 36%, 34%
CMY	0.4941, 0.6431, 0.6588
CMYK	0.00, 0.29, 0.33, 0.49
HSL	6°, 19%, 42%
HSV	6°, 33%, 51%
XYZ	14.5146, 12.8374, 10.7297
YIQ	101.9060, 23.9320, 6.8120

# Conversions

## Conversions Part 2

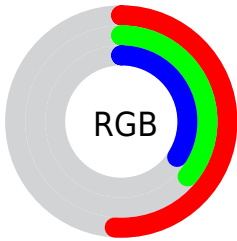
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 91, 87
Decimal	8477527
CIE Lab	42.52, 15.03, 8.51
CIE LCh	43, 17.270, 29.534
Yxy	12.8374, 0.3811, 0.3371
Android (android.graphics.Color)	4286667607 (0xFF815B57)
YUV	101.9060, -7.3487, 23.7614
Hunter-Lab	35.8293, 9.6099, 7.3252

# Details

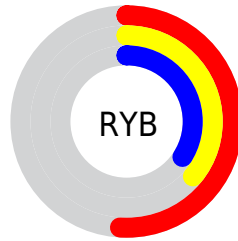
The Hex color **815B57** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **577D81**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B78D89**, and **4E2D2A** is the 20% darker color. If you saturate the color by 10%, you get **814F4A**, and if you desaturate by 10%, it is **816764**.

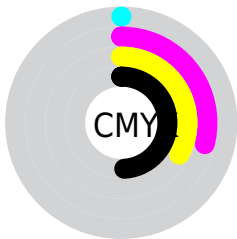
# Distribution



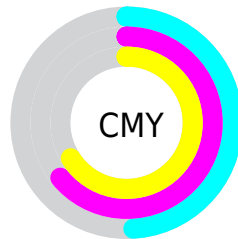
- Red (51%)
- Green (36%)
- Blue (34%)



- Red (51%)
- Yellow (36%)
- Blue (34%)



- Cyan (0%)
- Magenta (29%)
- Yellow (33%)
- Black (49%)




- Cyan (49%)
- Magenta (64%)
- Yellow (66%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 815B57 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 815B57 by changing the saturation by 10% instead.



 815B57

 815B57

FFFFFF

 674340

 B78D89

 4E2D2A

 D3A8A3

 361815


 F0C3BE


 220000

 FFDFDA

 000000

 FFFCF6

 815B57


 815B57


 814F4A

 816764

 81443D

 817271

 813830


 817E7E

 812C23

 818A8B

 812117


 819598

 81150A

 81A1A4

 810C00

 81ADB1

 81B8BE

 81C4CB

# Harmonies

## Analogous

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



805A65



815B57



7B5F4C

# Triad

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



815B57



4F6B56



536681

# Complementary

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



815B57



577D81

# 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.



416A7C



815B57



416C64

# Square

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



815B57



60684B



3A6C72



66617D

# Rectangle

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



815B57



736249



3A6C72



4C6780



# Sweetspot

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



815B57



A89997



81577E



544B4A



D4D4D4



545454



# Same Dimension

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



815B57



A86D67



816F57



403A39



800C00



000000



# Inverse Universe

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



577D81



67A2A8



576981



393F40



007380



000000



# Previews

## White Background



This preview shows how the Hex color 815B57 looks on a white background.

## Color Contrast Check

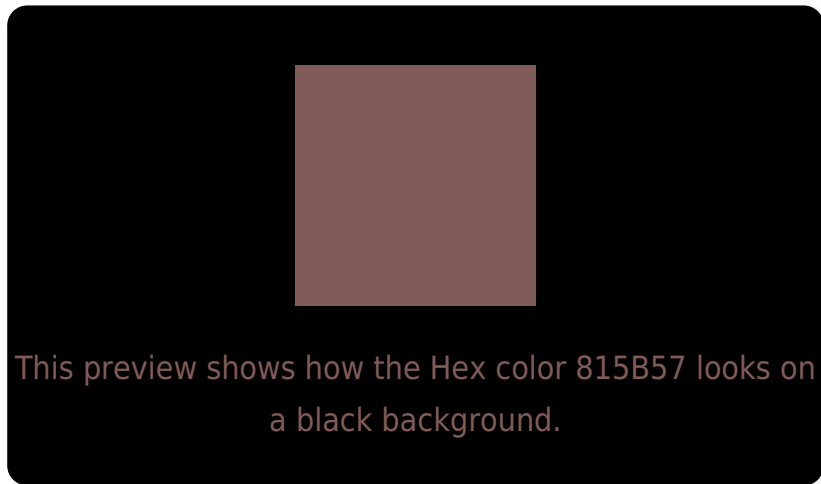
Large Text (above 18pt) WCAG AA ✓ Pass

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

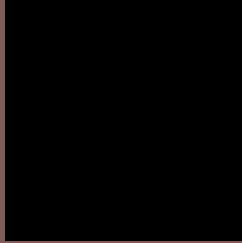
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 815B57 Background



This preview shows how black text looks on a background with the Hex color 815B57.



This preview shows how white text looks on a background with the Hex color 815B57.

# 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**  
815B57

**Protanopia**  
69645C

**Deuteranopia**  
746156



**Tritanopia**  
825A60

# Trichromacy



**Original Color**  
815B57

**Protanomaly**  
72615A

**Deuteranomaly**  
795F56

**Tritanomaly**  
825A5D

# Monochromacy



**Original Color**  
815B57

**Achromatopsia**  
666666

**Achromatomaly**  
706261

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 815B57 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 #815B57 looks like.

```
.text, #text, p{  
    color:#815B57  
}
```

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 #815B57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #815B57
}
```

## Border

The CSS property to change the border of an element to Hex 815B57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

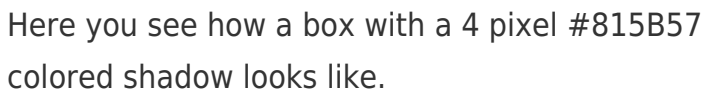
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#815B57 }
```

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

```
.border{ border-color:#815B57 }
```

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



Here you see how a box with a 4 pixel #815B57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #815B57; -webkit-box-shadow:4px 4px  
4px 4px #815B57; box-shadow:4px 4px 4px  
4px #815B57 }
```

# Background

The CSS property to change the background color of an element to Hex 815B57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#815B57 }
```

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

```
.background{ background-color:#815B57 }
```

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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