

# Converting Colors

Hex(815359)

Have a look what the booklet for  
Hex(815359) contains.

<b>Hex(815359)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(815359)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	815359
RGB	129, 83, 89
RGB Percent	51%, 33%, 35%
CMY	0.4941, 0.6745, 0.6510
CMYK	0.00, 0.36, 0.31, 0.49
HSL	352°, 22%, 42%
HSV	352°, 36%, 51%
XYZ	13.9497, 11.5749, 10.9501
YIQ	97.4380, 25.4900, 11.6180

# Conversions

## Conversions Part 2

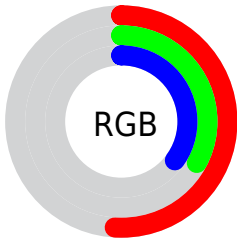
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 83, 89
Decimal	8475481
CIE <sub>Lab</sub>	40.53, 20.07, 4.46
CIE <sub>LCh</sub>	41, 20.558, 12.537
Yxy	11.5749, 0.3824, 0.3173
Android (android.graphics.Color)	4286665561 (0xFF815359)
YUV	97.4380, -4.1599, 27.6799
Hunter-Lab	34.0219, 13.6503, 4.7325

# Details

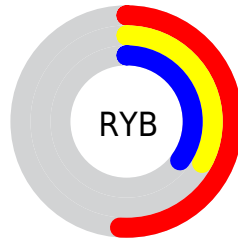
The Hex color **815359** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **53817B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B7858B**, and **4E252C** is the 20% darker color. If you saturate the color by 10%, you get **81464E**, and if you desaturate by 10%, it is **816064**.

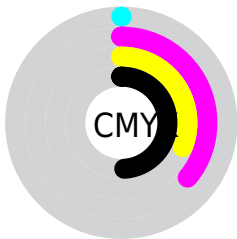
# Distribution



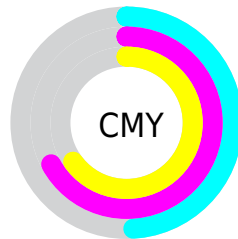
- Red (51%)
- Green (33%)
- Blue (35%)



- Red (51%)
- Yellow (33%)
- Blue (35%)



- Cyan (0%)
- Magenta (36%)
- Yellow (31%)
- Black (49%)




- Cyan (49%)
- Magenta (67%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 815359 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 815359 by changing the saturation by 10% instead.



 815359

 815359

FFFFFF

 673B42

 B7858B

 4E252C

 D39FA5

 360F17


 F0BAC0

 230001


 FFD6DC

 000000


 FFF3F9

 815359

 815359

 81464E


 816064


 813943

 816D6F

 812C37

 817A7B

 811F2C

 818786

 811321

 819391

 810616

 81A09C

 810011

 81ADA8

 81BAB3

 81C7BE

# Harmonies

## Analogous

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



7A546A



815359



7E564A

# Triad

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



815359



516546



3B647F

# Complementary

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



815359



53817B

# 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.



296776



815359



3E6855

# Square

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



815359



64613E



2C6966



545F80

# Rectangle

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



815359



785942



2C6966



33657D



# Sweetspot

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



815359



A89698



7B5381



54494B



D4D4D4



545454



# Same Dimension

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



815359



A86069



816453



40393A



800011



000000



# Inverse Universe

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



815359



A86069



537081



40393A



800011

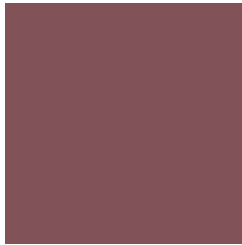


000000



# Previews

## White Background



This preview shows how the Hex color 815359 looks on a white background.

## Color Contrast Check

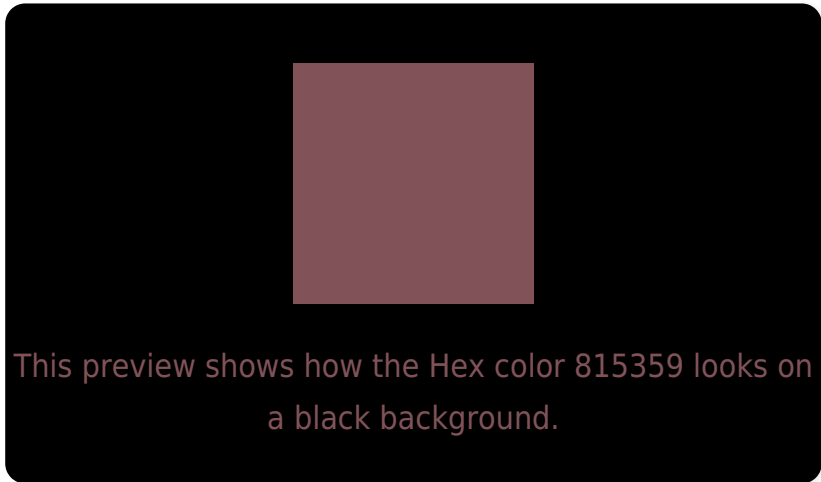
Large Text (above 18pt) WCAG AA ✓ Pass

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 815359 Background



This preview shows how black text looks on a background with the Hex color 815359.



This preview shows how white text looks on a background with the Hex color 815359.

# 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**  
815359

**Protanopia**  
625F60

**Deuteranopia**  
6C5C57



**Tritanopia**  
815359

# Trichromacy



**Original Color**  
815359

**Protanomaly**  
6D5B5D

**Deuteranomaly**  
745958

**Tritanomaly**  
815359

# Monochromacy



**Original Color**  
815359

**Achromatopsia**  
616161

**Achromatomaly**  
6D5C5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 815359 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 #815359 looks like.

```
.text, #text, p{  
    color:#815359  
}
```

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 #815359 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #815359
}
```

## Border

The CSS property to change the border of an element to Hex 815359 is called "border". The border property can be set on classes, ids or directly on the HTML element.

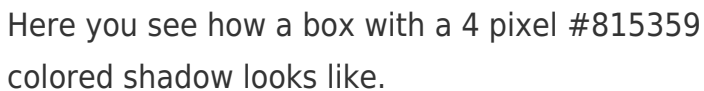
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#815359 }
```

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

```
.border{ border-color:#815359 }
```

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



Here you see how a box with a 4 pixel #815359 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #815359; -webkit-box-shadow:4px 4px  
4px 4px #815359; box-shadow:4px 4px 4px  
4px #815359 }
```

# Background

The CSS property to change the background color of an element to Hex 815359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#815359 }
```

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

```
.background{ background-color:#815359 }
```

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