

# Converting Colors

Hex(815051)

Have a look what the booklet for  
Hex(815051) contains.

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# Color

**Hex(815051)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	815051
RGB	129, 80, 81
RGB Percent	51%, 31%, 32%
CMY	0.4941, 0.6863, 0.6824
CMYK	0.00, 0.38, 0.37, 0.49
HSL	359°, 23%, 41%
HSV	359°, 38%, 51%
XYZ	13.4071, 10.9985, 9.2009
YIQ	94.7650, 28.8830, 10.6990

# Conversions

## Conversions Part 2

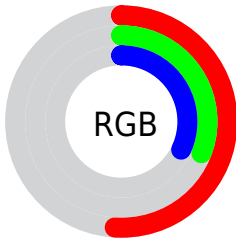
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 80, 81
Decimal	8474705
CIE Lab	39.58, 20.72, 8.06
CIE LCh	40, 22.229, 21.258
Yxy	10.9985, 0.3989, 0.3273
Android (android.graphics.Color)	4286664785 (0xFF815051)
YUV	94.7650, -6.7861, 30.0241
Hunter-Lab	33.1640, 14.1246, 6.7657

# Details

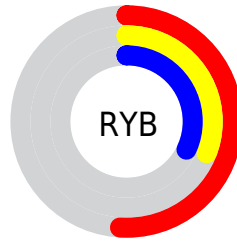
The Hex color **815051** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **508180**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **B78282**, and **4E2225** is the 20% darker color. If you saturate the color by 10%, you get **814344**, and if you desaturate by 10%, it is **815D5E**.

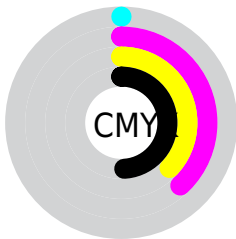
# Distribution



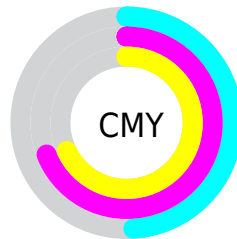
- Red (51%)
- Green (31%)
- Blue (32%)



- Red (51%)
- Yellow (31%)
- Blue (32%)



- Cyan (0%)
- Magenta (38%)
- Yellow (37%)
- Black (49%)




- Cyan (49%)
- Magenta (69%)
- Yellow (68%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 815051 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 815051 by changing the saturation by 10% instead.



 815051

 815051

FFFFFF

 67393A

 B78282

 4E2225

 D49C9C

 350C10


 F0B7B7


 210001

 FFD3D3


 000000

 FFEFEF

 815051

 815051

 814344

 815D5E

 813638

 816A6A

81292B

817777

811C1E

818484

810F12

819190

810305

819D9D

810003

81AAA9

81B7B6

81C4C3

# Harmonies

## Analogous

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



7D5063



815051



7B5442

# Triad

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



815051



486446



3C6181

# Complementary

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



815051



508180

# 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.



226579



815051



316757

# Square

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



815051



5C603B



1E676A



585A7F

# Rectangle

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



815051



73583B



1E676A



32627F



# Sweetspot

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



815051



A89696



7F5081



544949



D4D4D4



545454



# Same Dimension

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



815051



A85B5C



816750



40393A



800003



000000



# Inverse Universe

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



815051



A85B5C



506A81



40393A



800003

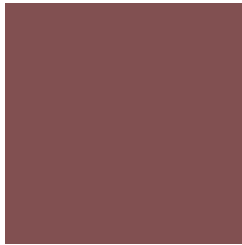


000000



# Previews

## White Background



This preview shows how the Hex color 815051 looks on a white background.

## Color Contrast Check

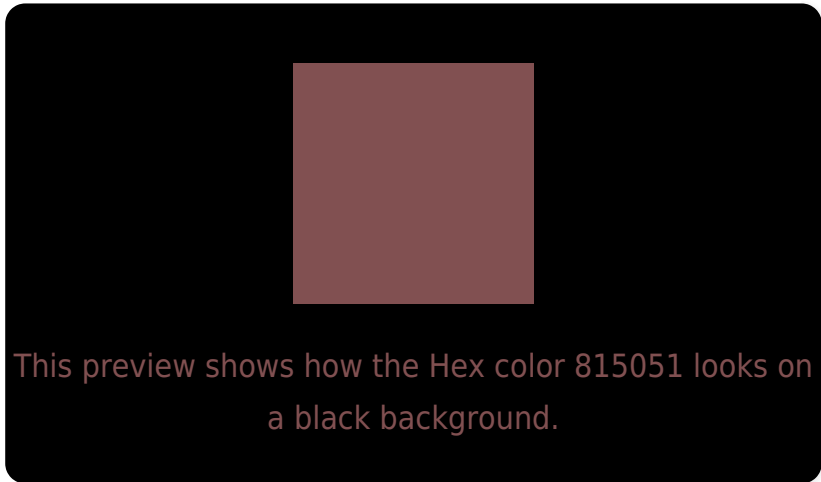
Large Text (above 18pt) WCAG AA ✓ Pass

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 815051 Background



This preview shows how black text looks on a background with the Hex color 815051.



This preview shows how white text looks on a background with the Hex color 815051.

# 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**  
815051

**Protanopia**  
615D58

**Deuteranopia**  
6C5A4F



**Tritanopia**  
814F55

# Trichromacy



**Original Color**  
815051

**Protanomaly**  
6D5855

**Deuteranomaly**  
745650

**Tritanomaly**  
814F54

# Monochromacy



**Original Color**  
815051

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
6B5A5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 815051 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 #815051 looks like.

```
.text, #text, p{  
    color:#815051  
}
```

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 #815051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #815051
}
```

## Border

The CSS property to change the border of an element to Hex 815051 is called "border". The border property can be set on classes, ids or directly on the HTML element.

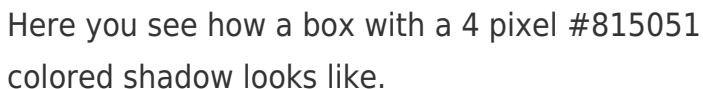
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#815051 }
```

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

```
.border{ border-color:#815051 }
```

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



Here you see how a box with a 4 pixel #815051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #815051; -webkit-box-shadow:4px 4px  
4px 4px #815051; box-shadow:4px 4px 4px  
4px #815051 }
```

# Background

The CSS property to change the background color of an element to Hex 815051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#815051 }
```

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

```
.background{ background-color:#815051 }
```

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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