

# Converting Colors

Hex(875245)

Have a look what the booklet for  
Hex(875245) contains.

|  |    |
|--|----|
| <b>Hex(875245)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Hex(875245)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>             |
|---------------|--------------------------|
| Hex           | 875245                   |
| RGB           | 135, 82, 69              |
| RGB Percent   | 53%, 32%, 27%            |
| CMY           | 0.4706, 0.6784, 0.7294   |
| CMYK          | 0.00, 0.39, 0.49, 0.47   |
| HSL           | 12°, 32%, 40%            |
| HSV           | 12°, 49%, 53%            |
| XYZ           | 14.0831, 11.6152, 7.1299 |
| YIQ           | 96.3650, 35.7610, 7.1930 |

# Conversions

## Conversions Part 2

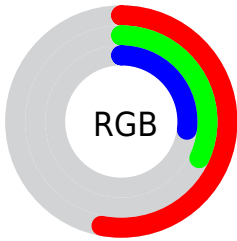
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 135, 85, 69                   |
| Decimal                             | 8868421                       |
| CIE Lab                             | 40.60, 20.62, 16.97           |
| CIE LCh                             | 41, 26.708, 39.448            |
| Yxy                                 | 11.6152, 0.4290,<br>0.3538    |
| Android<br>(android.graphics.Color) | 4287058501<br>(0xFF875245)    |
| YUV                                 | 96.3650, -13.4909,<br>33.8829 |
| Hunter-Lab                          | 34.0810, 14.1190,<br>11.4530  |

# Details

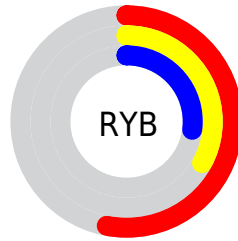
The Hex color **875245** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **457A87**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **BE8475**, and **52241A** is the 20% darker color. If you saturate the color by 10%, you get **874738**, and if you desaturate by 10%, it is **875D52**.

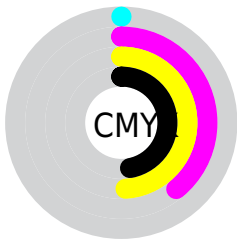
# Distribution



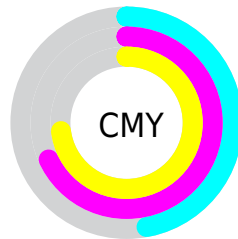
- Red (53%)
- Green (32%)
- Blue (27%)



- Red (53%)
- Yellow (33%)
- Blue (27%)



- Cyan (0%)
- Magenta (39%)
- Yellow (49%)
- Black (47%)



- Cyan (47%)
- Magenta (68%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 875245 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 875245 by changing the saturation by 10% instead.



 875245

 875245

FFFFFF

 6C3A2F

 BE8475

 52241A

 DB9E8F

 3A0E00

 F8B9A9

 240001

 FFD5C5

 000000

 FFF2E1

FFFFFFD

 875245

 875245

 874738

 875D52

■ 873C2A

■ 876860

■ 87311D

■ 87736E

■ 87270F

■ 877D7B

■ 871C02

■ 878889

■ 871B00

■ 879396

■ 879EA3

■ 87A9B1

■ 87B4BE

# Harmonies

## Analogous

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



8A4E5A



875245



7A5937

# Triad

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



875245



336A50



4B608B

# Complementary

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



875245



457A87

# 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.



206688



875245



0B6B66

# Square

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



875245



4F673D



006A7B



6B5782

# Rectangle

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



875245



6E5E33



006A7B



3E628B



# Sweetspot

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



875245



B09B96



87457B



594C49



D9D9D9



595959



# Same Dimension

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



875245



B05D48



877245



423D3C



821A00



030100



# Inverse Universe

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



457A87



489CB0



455A87



3C4142



006882



000203



# Previews

## White Background



This preview shows how the Hex color 875245 looks on a white background.

## Color Contrast Check

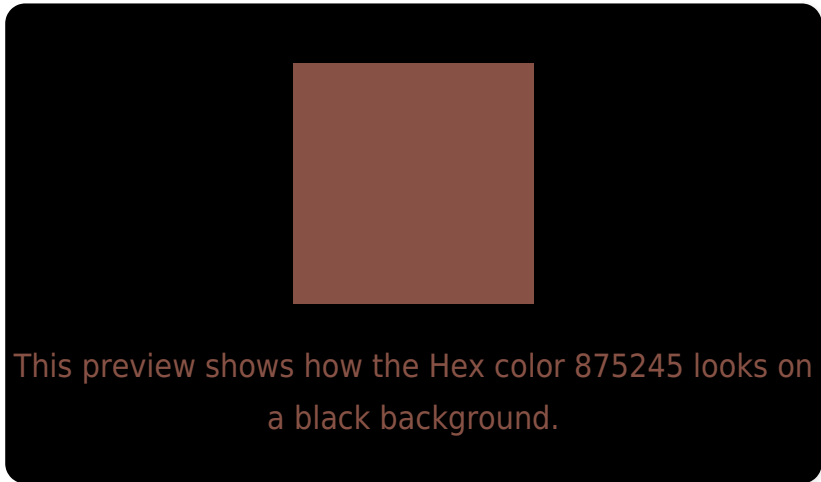
Large Text (above 18pt) WCAG AA ✓ Pass

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 875245 Background



This preview shows how black text looks on a background with the Hex color 875245.



This preview shows how white text looks on a background with the Hex color 875245.

# 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**  
875245

**Protanopia**  
66604B

**Deuteranopia**  
735C43



**Tritanopia**  
885056

# Trichromacy



**Original Color**  
875245

**Protanomaly**  
725B49

**Deuteranomaly**  
7A5844

**Tritanomaly**  
885150

# Monochromacy



**Original Color**  
875245

**Achromatopsia**  
606060

**Achromatomaly**  
6E5B56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 875245 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 #875245 looks like.

```
.text, #text, p{  
    color:#875245  
}
```

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 #875245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #875245
}
```

## Border

The CSS property to change the border of an element to Hex 875245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

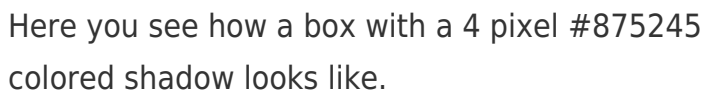
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#875245 }
```

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

```
.border{ border-color:#875245 }
```

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



Here you see how a box with a 4 pixel #875245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #875245; -webkit-box-shadow:4px 4px  
4px 4px #875245; box-shadow:4px 4px 4px  
4px #875245 }
```

# Background

The CSS property to change the background color of an element to Hex 875245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#875245 }
```

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

```
.background{ background-color:#875245 }
```

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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