

# Converting Colors

Hex(875445)

Have a look what the booklet for  
Hex(875445) contains.

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# Color

Hex(875445)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	875445
RGB	135, 84, 69
RGB Percent	53%, 33%, 27%
CMY	0.4706, 0.6706, 0.7294
CMYK	0.00, 0.38, 0.49, 0.47
HSL	14°, 32%, 40%
HSV	14°, 49%, 53%
XYZ	14.2362, 11.9212, 7.1809
YIQ	97.5390, 35.2110, 6.1470

# Conversions

## Conversions Part 2

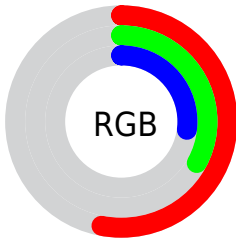
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 88, 69
Decimal	8868933
CIE <sub>Lab</sub>	41.09, 19.45, 17.63
CIE <sub>LCh</sub>	41, 26.253, 42.179
Yxy	11.9212, 0.4270, 0.3576
Android (android.graphics.Color)	4287059013 (0xFF875445)
YUV	97.5390, -14.0697, 32.8533
Hunter-Lab	34.5271, 13.1764, 11.8379

# Details

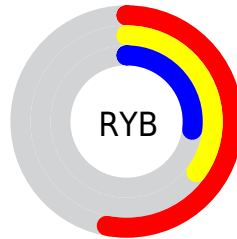
The Hex color **875445** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **457887**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **BE8675**, and **52261A** is the 20% darker color. If you saturate the color by 10%, you get **874A38**, and if you desaturate by 10%, it is **875E52**.

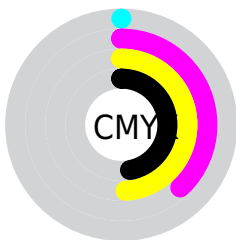
# Distribution



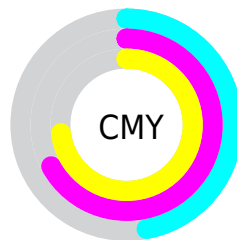
- Red (53%)
- Green (33%)
- Blue (27%)



- Red (53%)
- Yellow (35%)
- Blue (27%)



- Cyan (0%)
- Magenta (38%)
- Yellow (49%)
- Black (47%)



- Cyan (47%)
- Magenta (67%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 875445 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 875445 by changing the saturation by 10% instead.



 875445

 875445

FFFFFF

 6C3C2F

 BE8675

 52261A

 DBA08F

 3A1000

 F8BCA9

 240000

 FFD7C5

 000000

 FFF4E1

FFFFFFD

 875445

 875445

 874A38

 875E52

873F2A

876960

87351D

87736E

872A0F

877E7B

872002

878889

871F00

879396

879DA3

87A7B1

87B2BE

# Harmonies

## Analogous

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



8B5059



875445



7A5B38

# Triad

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



875445



336B53



50608B

# Complementary

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



875445



457887

# 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.



286789



875445



0E6C69

# Square

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



875445



4E6840



006B7D



6F5881

# Rectangle

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



875445



6D6035



006B7D



43628C



# Sweetspot

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



875445



B09C96



874579



594D49



D9D9D9



595959



# Same Dimension

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



875445



B06048



877445



423D3C



821E00



030100



# Inverse Universe

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



457887



4898B0



455887



3C4142



006482



000203



# Previews

## White Background



This preview shows how the Hex color 875445 looks on a white background.

## Color Contrast Check

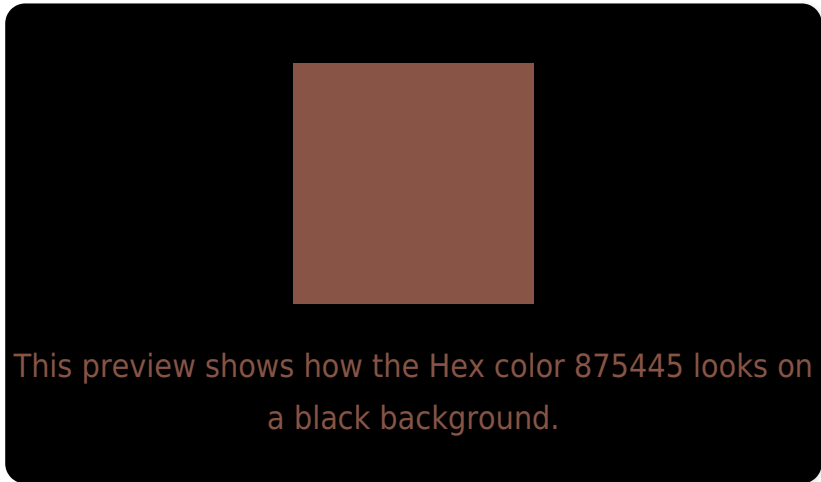
Large Text (above 18pt) WCAG AA ✓ Pass

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

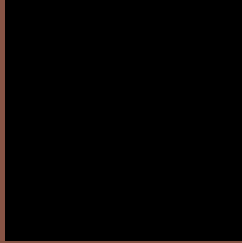
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 875445 Background



This preview shows how black text looks on a background with the Hex color 875445.



This preview shows how white text looks on a background with the Hex color 875445.

# 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**  
875445

**Protanopia**  
68614B

**Deuteranopia**  
745D43



**Tritanopia**  
885157

# Trichromacy



**Original Color**  
875445

**Protanomaly**  
735C49

**Deuteranomaly**  
7B5A44

**Tritanomaly**  
885250

# Monochromacy



**Original Color**  
875445

**Achromatopsia**  
626262

**Achromatomaly**  
6F5D57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 875445 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 #875445 looks like.

```
.text, #text, p{  
    color:#875445  
}
```

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 #875445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #875445
}
```

## Border

The CSS property to change the border of an element to Hex 875445 is called "border". The border property can be set on classes, ids or directly on the HTML element.

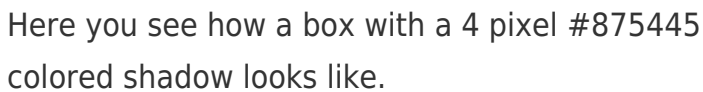
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#875445 }
```

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

```
.border{ border-color:#875445 }
```

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



Here you see how a box with a 4 pixel #875445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #875445; -webkit-box-shadow:4px 4px  
4px 4px #875445; box-shadow:4px 4px 4px  
4px #875445 }
```

# Background

The CSS property to change the background color of an element to Hex 875445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#875445 }
```

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

```
.background{ background-color:#875445 }
```

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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