

# Converting Colors

Hex(874657)

Have a look what the booklet for  
Hex(874657) contains.

<b>Hex(874657)</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(874657)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	874657
RGB	135, 70, 87
RGB Percent	53%, 27%, 34%
CMY	0.4706, 0.7255, 0.6588
CMYK	0.00, 0.48, 0.36, 0.47
HSL	344°, 32%, 40%
HSV	344°, 48%, 53%
XYZ	13.9021, 10.2193, 10.2566
YIQ	91.3730, 33.2830, 19.0670

# Conversions

## Conversions Part 2

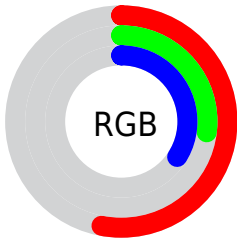
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 70, 87
Decimal	8865367
CIE Lab	38.23, 29.68, 2.50
CIE LCh	38, 29.783, 4.824
Yxy	10.2193, 0.4044, 0.2973
Android (android.graphics.Color)	4287055447 (0xFF874657)
YUV	91.3730, -2.1559, 38.2609
Hunter-Lab	31.9677, 21.6827, 3.3546

# Details

The Hex color **874657** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **468776**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **BE7889**, and **52162A** is the 20% darker color. If you saturate the color by 10%, you get **87394D**, and if you desaturate by 10%, it is **875461**.

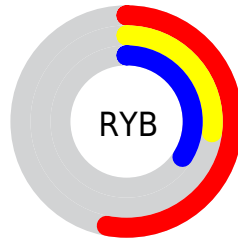
# Distribution



Red (53%)

Green (27%)

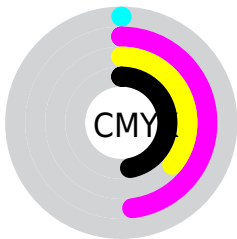
Blue (34%)



Red (53%)

Yellow (27%)

Blue (34%)

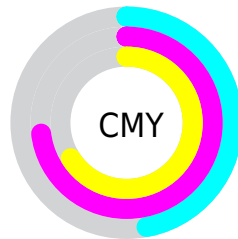


Cyan (0%)

Magenta (48%)

Yellow (36%)

Black (47%)



Cyan (47%)

Magenta (73%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 874657 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 874657 by changing the saturation by 10% instead.



 874657

 874657

FFFFFF

 6C2E40

 BE7889

 52162A

 DB92A3

 390016

 F8ADBE

 240001

 FFC9DA

 000000

 FFE5F6

 874657

 874657

 87394D

 875461

 872B43

 87616B

 871D39

 876F75

 87102F

 877C7F

 870225

 878A89

 870023

 879793

 87A59D

 87B2A7

 87C0B1

# Harmonies

## Analogous

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



7B4A6F



874657



864940

# Triad

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



874657



4C6131



006285

# Complementary

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



874657



468776

# 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.



006675



874657



2C6545

# Square

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



874657



655A29



00665D



395B8A

# Rectangle

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



874657



7E4E33



00665D



006381



# Sweetspot

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



874657



B0979E



764687



594A4E



D9D9D9



595959



# Same Dimension

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



874657



B04A65



875546



423C3D



820022



030001



# Inverse Universe

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



874657



B04A65



467887



423C3D



820022

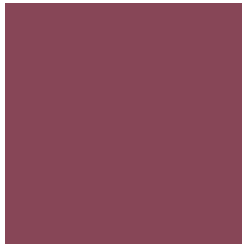


030001



# Previews

## White Background



This preview shows how the Hex color 874657 looks on a white background.

## Color Contrast Check

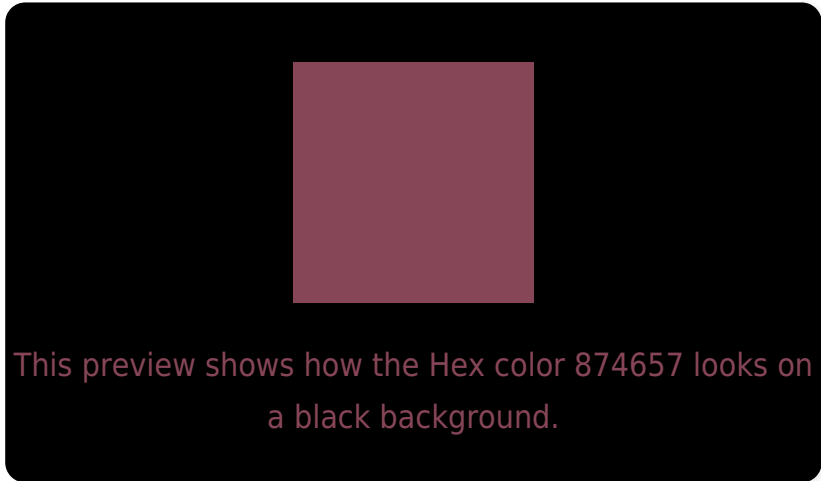
Large Text (above 18pt) WCAG AA ✓ Pass

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

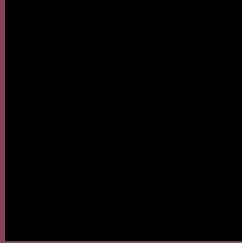
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 874657 Background



This preview shows how black text looks on a background with the Hex color 874657.

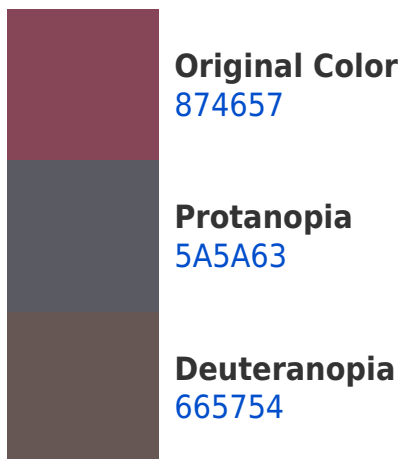



This preview shows how white text looks on a background with the Hex color 874657.

# 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





**Tritanopia**  
86484D

# Trichromacy



**Original Color**

874657

**Protanomaly**

6A535F

**Deuteranomaly**

725155

**Tritanomaly**

864751

# Monochromacy



**Original Color**

874657

**Achromatopsia**

5B5B5B

**Achromatomaly**

6B535A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 874657 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 #874657 looks like.

```
.text, #text, p{  
    color:#874657  
}
```

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 #874657 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #874657
}
```

## Border

The CSS property to change the border of an element to Hex 874657 is called "border". The border property can be set on classes, ids or directly on the HTML element.

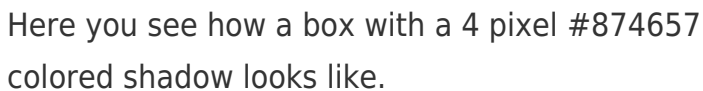
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#874657 }
```

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

```
.border{ border-color:#874657 }
```

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



Here you see how a box with a 4 pixel #874657 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #874657; -webkit-box-shadow:4px 4px  
4px 4px #874657; box-shadow:4px 4px 4px  
4px #874657 }
```

# Background

The CSS property to change the background color of an element to Hex 874657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#874657 }
```

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

```
.background{ background-color:#874657 }
```

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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