

# Converting Colors

Hex(874052)

Have a look what the booklet for  
Hex(874052) contains.

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# Color

**Hex(874052)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	874052
RGB	135, 64, 82
RGB Percent	53%, 25%, 32%
CMY	0.4706, 0.7490, 0.6784
CMYK	0.00, 0.53, 0.39, 0.47
HSL	345°, 36%, 39%
HSV	345°, 53%, 53%
XYZ	13.3481, 9.4269, 9.0987
YIQ	87.2810, 36.5380, 20.6500

# Conversions

## Conversions Part 2

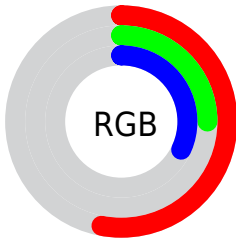
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 64, 82
Decimal	8863826
CIE Lab	36.79, 32.34, 3.58
CIE LCh	37, 32.534, 6.326
Yxy	9.4269, 0.4188, 0.2958
Android (android.graphics.Color)	4287053906 (0xFF874052)
YUV	87.2810, -2.6035, 41.8496
Hunter-Lab	30.7032, 23.8712, 3.9221

# Details

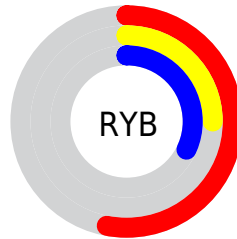
The Hex color **874052** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **408775**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **BF7283**, and **520F26** is the 20% darker color. If you saturate the color by 10%, you get **873348**, and if you desaturate by 10%, it is **874E5C**.

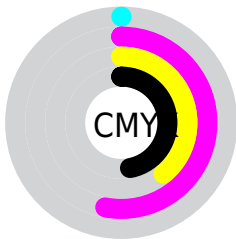
# Distribution



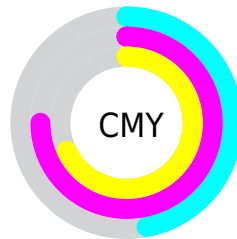
- Red (53%)
- Green (25%)
- Blue (32%)



- Red (53%)
- Yellow (25%)
- Blue (32%)



- Cyan (0%)
- Magenta (53%)
- Yellow (39%)
- Black (47%)



- Cyan (47%)
- Magenta (75%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 874052 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 874052 by changing the saturation by 10% instead.





874052



874052

FFFFFF



6C283B



BF7283



520F26



DB8C9D



390011



F9A7B8



200001



FFC3D4



000000



FFDFF0



FFFCFF



874052



874052



873348



874E5C

87253E

875B66

871834

876970

870A2A

87767A

870022

878484

87918E

879F99

87ACA3

87BAAD

# Harmonies

## Analogous

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



7B446C



874052



854439

# Triad

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



874052



455E2B



005F86

# Complementary

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



874052



408775

# 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.



006375



874052



1F6241

# Square

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



874052



605720



00645B



32588A

# Rectangle

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



874052



7C4A2B



00645B



006182



# Sweetspot

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



874052



B0949B



744087



59484D



D9D9D9



595959



# Same Dimension

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



874052



B0415D



875140



423C3D



820021



030001



# Inverse Universe

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



874052



B0415D



407687



423C3D



820021

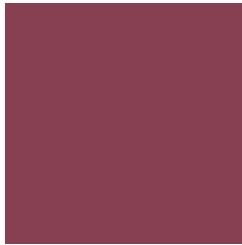


030001



# Previews

## White Background



This preview shows how the Hex color 874052 looks on a white background.

## Color Contrast Check

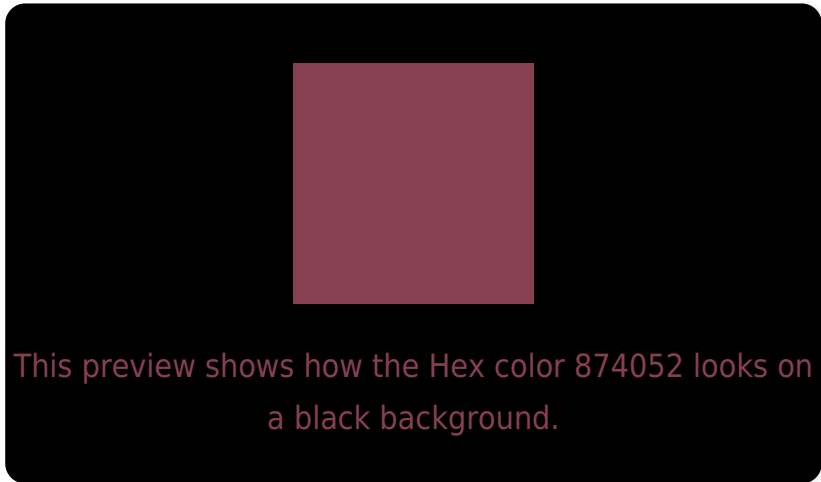
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

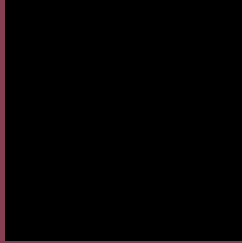
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 874052 Background



This preview shows how black text looks on a background with the Hex color 874052.

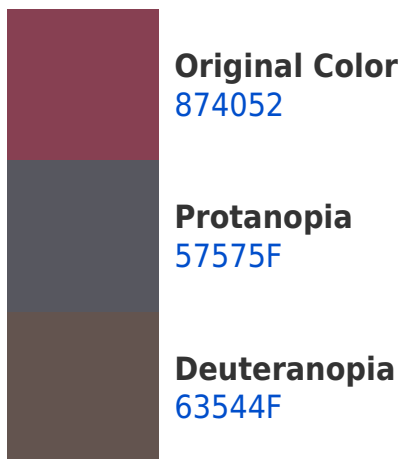


This preview shows how white text looks on a background with the Hex color 874052.

# 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**  
864247

# Trichromacy



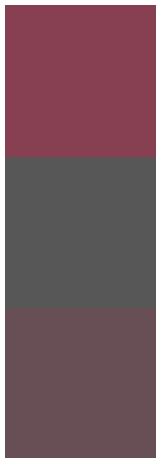
**Original Color**  
874052

**Protanomaly**  
684F5A

**Deuteranomaly**  
704D50

**Tritanomaly**  
86414B

# Monochromacy



**Original Color**  
874052

**Achromatopsia**  
575757

**Achromatomaly**  
684F55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 874052 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 #874052 looks like.

```
.text, #text, p{  
    color:#874052  
}
```

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 #874052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #874052
}
```

## Border

The CSS property to change the border of an element to Hex 874052 is called "border". The border property can be set on classes, ids or directly on the HTML element.

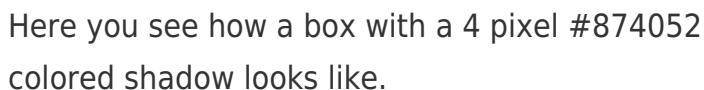
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#874052 }
```

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

```
.border{ border-color:#874052 }
```

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



Here you see how a box with a 4 pixel #874052 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #874052; -webkit-box-shadow:4px 4px  
4px 4px #874052; box-shadow:4px 4px 4px  
4px #874052 }
```

# Background

The CSS property to change the background color of an element to Hex 874052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#874052 }
```

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

```
.background{ background-color:#874052 }
```

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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