

# Converting Colors

Hex(872650)

Have a look what the booklet for  
Hex(872650) contains.

<b>Hex(872650)</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(872650)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	872650
RGB	135, 38, 80
RGB Percent	53%, 15%, 31%
CMY	0.4706, 0.8510, 0.6863
CMYK	0.00, 0.72, 0.41, 0.47
HSL	334°, 56%, 34%
HSV	334°, 72%, 53%
XYZ	12.1328, 7.1163, 8.3235
YIQ	71.7910, 44.3300, 33.6260

# Conversions

## Conversions Part 2

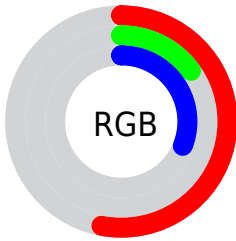
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 38, 80
Decimal	8857168
CIE Lab	32.07, 44.56, -2.00
CIE LCh	32, 44.600, 357.428
Yxy	7.1163, 0.4400, 0.2581
Android (android.graphics.Color)	4287047248 (0xFF872650)
YUV	71.7910, 4.0470, 55.4343
Hunter-Lab	26.6764, 34.5002, 0.1739

# Details

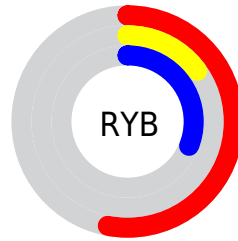
The Hex color **872650** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **26875D**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **C05B81**, and **510024** is the 20% darker color. If you saturate the color by 10%, you get **871948**, and if you desaturate by 10%, it is **873458**.

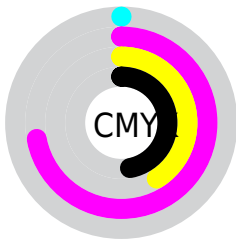
# Distribution



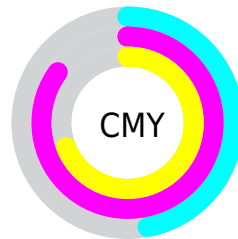
- Red (53%)
- Green (15%)
- Blue (31%)



- Red (53%)
- Yellow (15%)
- Blue (31%)



- Cyan (0%)
- Magenta (72%)
- Yellow (41%)
- Black (47%)



- Cyan (47%)
- Magenta (85%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 872650 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 872650 by changing the saturation by 10% instead.



 872650

 872650

FFFFFF

 6B0439

 C05B81

 510024

 DD759B

 38000E

 FB90B6

 160000

 FFACD1

 000000

 FFC8EE

 FFE4FF

 872650

 872650

 871948

 873458

870B41

87415F

87003A

874F67

875C6F

876A76

87777E

878586

87928D

87A095

# Harmonies

## Analogous

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



723272



872650



882B2D

# Triad

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



872650



3C5300



005886

# Complementary

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



872650



26875D

# 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.



005B6B



872650



005823

# Square

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



872650



5E4900



005B47



005192

# Rectangle

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



872650



7F3518



005B47



005A7F



# Sweetspot

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



872650



B0899A



5D2687



59424C



D9D9D9



595959



# Same Dimension

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



872650



B0195A



872C26



423C3F



820038



030001



# Inverse Universe

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



872650



B0195A



268187



423C3F



820038

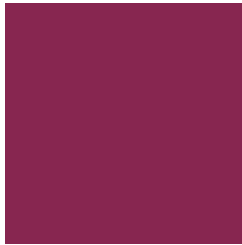


030001



# Previews

## White Background



This preview shows how the Hex color 872650 looks on a white background.

## Color Contrast Check

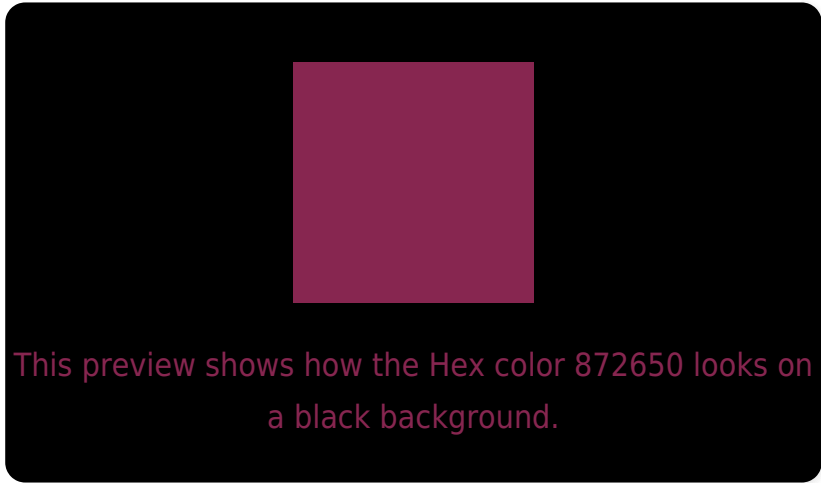
Large Text (above 18pt) WCAG AA ✓ Pass

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 872650 Background



This preview shows how black text looks on a background with the Hex color 872650.

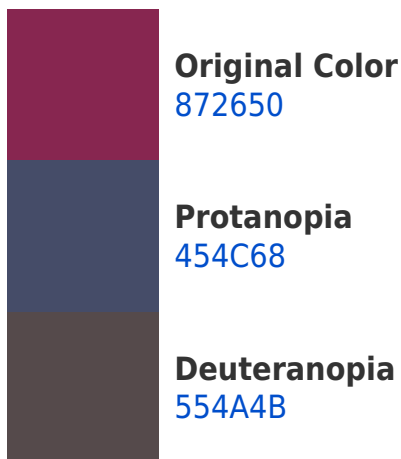


This preview shows how white text looks on a background with the Hex color 872650.

# 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**  
852E31

# Trichromacy



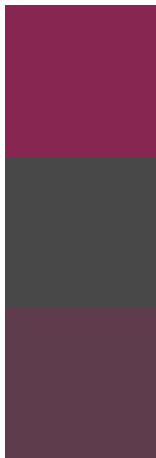
**Original Color**  
872650

**Protanomaly**  
5D3E5F

**Deuteranomaly**  
673D4D

**Tritanomaly**  
862B3C

# Monochromacy



**Original Color**  
872650

**Achromatopsia**  
484848

**Achromatomaly**  
5F3C4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 872650 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 #872650 looks like.

```
.text, #text, p{  
    color:#872650  
}
```

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 #872650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #872650
}
```

## Border

The CSS property to change the border of an element to Hex 872650 is called "border". The border property can be set on classes, ids or directly on the HTML element.

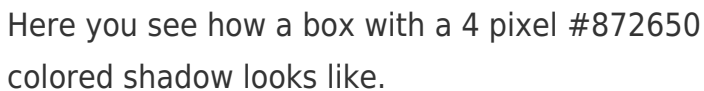
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#872650 }
```

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

```
.border{ border-color:#872650 }
```

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



Here you see how a box with a 4 pixel #872650 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #872650; -webkit-box-shadow:4px 4px  
4px 4px #872650; box-shadow:4px 4px 4px  
4px #872650 }
```

# Background

The CSS property to change the background color of an element to Hex 872650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#872650 }
```

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

```
.background{ background-color:#872650 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor