

# Converting Colors

Hex(871A5E)

Have a look what the booklet for  
Hex(871A5E) contains.

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**Color**

**Hex(871A5E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	871A5E
RGB	135, 26, 94
RGB Percent	53%, 10%, 37%
CMY	0.4706, 0.8980, 0.6314
CMYK	0.00, 0.81, 0.30, 0.47
HSL	323°, 68%, 32%
HSV	323°, 81%, 53%
XYZ	12.3814, 6.6978, 11.2299
YIQ	66.3430, 43.1360, 44.2560

# Conversions

## Conversions Part 2

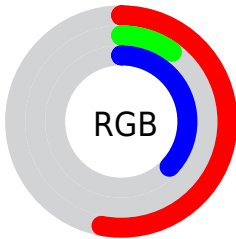
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 26, 94
Decimal	8854110
CIELab	31.11, 50.41, -12.57
CIElCh	31, 51.951, 345.997
Yxy	6.6978, 0.4085, 0.2210
Android (android.graphics.Color)	4287044190 (0xFF871A5E)
YUV	66.3430, 13.6349, 60.2122
Hunter-Lab	25.8802, 40.1066, -7.6110

# Details

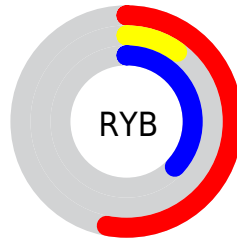
The Hex color **871A5E** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **1A8743**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **C05390**, and **510030** is the 20% darker color. If you saturate the color by 10%, you get **870C59**, and if you desaturate by 10%, it is **872763**.

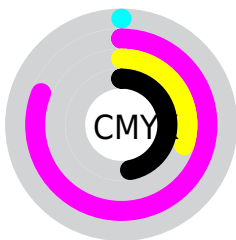
# Distribution



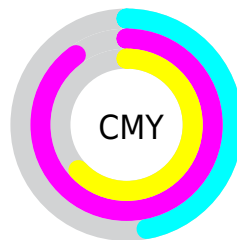
- Red (53%)
- Green (10%)
- Blue (37%)



- Red (53%)
- Yellow (10%)
- Blue (37%)



- Cyan (0%)
- Magenta (81%)
- Yellow (30%)
- Black (47%)



- Cyan (47%)
- Magenta (90%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 871A5E 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 871A5E by changing the saturation by 10% instead.



 871A5E

 871A5E

FFFFFF

 6C0046

 C05390

 510030

 DD6EAB

 38001B

 FA89C6

 190001

 FFA4E2

 000000

 FFC1FF

 FFDDFF

 FFFBFF

 871A5E

 871A5E

■ 870C59

■ 872763

■ 870054

■ 873568

■ 87426D

■ 875072

■ 875E77

■ 876B7C

■ 877882

■ 878687

■ 87938C

# Harmonies

## Analogous

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



653282



871A5E



8F1636

# Triad

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



871A5E



464E00



005983

# Complementary

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



871A5E



1A8743

# 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.



005B5F



871A5E



095605

# Square

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



871A5E



6A4000



005A34



005499

# Rectangle

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



871A5E



89241C



005A34



005A78



# Sweetspot

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



871A5E



B086A0



421A87



593F50



D9D9D9



595959



# Same Dimension

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



871A5E



B00570



871A29



423C40



820051



030002



# Inverse Universe

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



871A5E



B00570



1A8778



423C40



820051

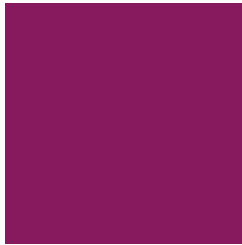


030002



# Previews

## White Background



This preview shows how the Hex color 871A5E looks on a white background.

## Color Contrast Check

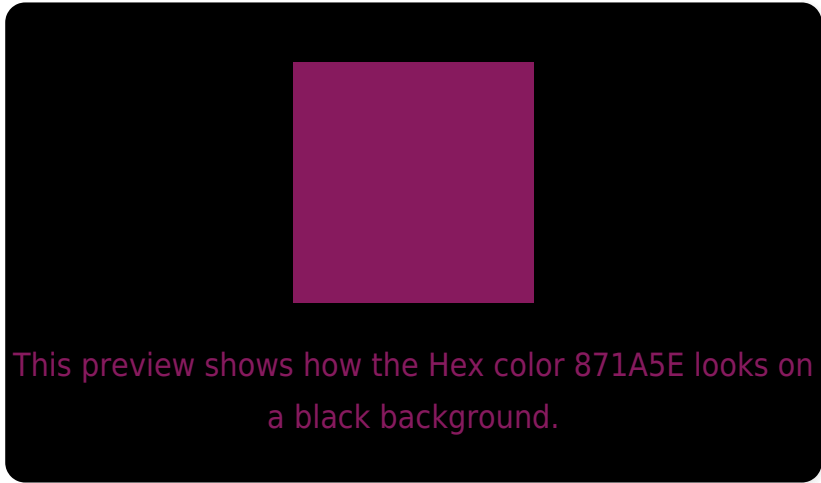
Large Text (above 18pt) WCAG AA ✓ Pass

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

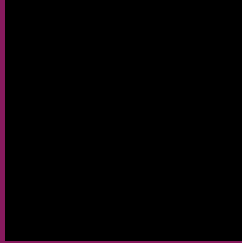
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 871A5E Background



This preview shows how black text looks on a background with the Hex color 871A5E.



This preview shows how white text looks on a background with the Hex color 871A5E.

# 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**  
832B2D

# Trichromacy



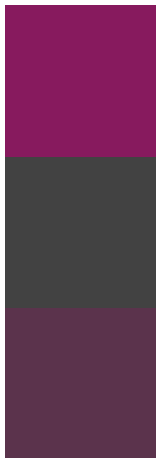
**Original Color**  
871A5E

**Protanomaly**  
523874

**Deuteranomaly**  
61385A

**Tritanomaly**  
84253F

# Monochromacy



**Original Color**  
871A5E

**Achromatopsia**  
424242

**Achromatomaly**  
5B334C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 871A5E 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 #871A5E looks like.

```
.text, #text, p{  
    color:#871A5E  
}
```

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 #871A5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #871A5E
}
```

## Border

The CSS property to change the border of an element to Hex 871A5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

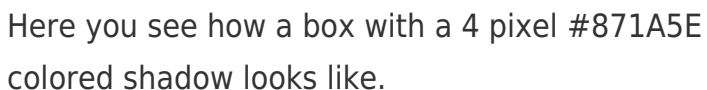
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#871A5E }
```

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

```
.border{ border-color:#871A5E }
```

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



Here you see how a box with a 4 pixel #871A5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #871A5E; -webkit-box-shadow:4px 4px  
4px 4px #871A5E; box-shadow:4px 4px 4px  
4px #871A5E }
```

# Background

The CSS property to change the background color of an element to Hex 871A5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#871A5E }
```

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

```
.background{ background-color:#871A5E }
```

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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