

# Converting Colors

Hex(871927)

Have a look what the booklet for  
Hex(871927) contains.

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**Color**

**Hex(871927)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	871927
RGB	135, 25, 39
RGB Percent	53%, 10%, 15%
CMY	0.4706, 0.9020, 0.8471
CMYK	0.00, 0.81, 0.71, 0.47
HSL	352°, 69%, 31%
HSV	352°, 81%, 53%
XYZ	10.7055, 5.9926, 2.5119
YIQ	59.4860, 61.0660, 27.6740

# Conversions

## Conversions Part 2

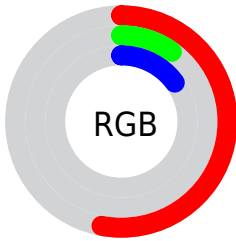
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 25, 39
Decimal	8853799
CIE Lab	29.39, 45.80, 21.33
CIE LCh	29, 50.528, 24.971
Yxy	5.9926, 0.5573, 0.3120
Android (android.graphics.Color)	4287043879 (0xFF871927)
YUV	59.4860, -10.0996, 66.2258
Hunter-Lab	24.4799, 35.2217, 11.0521

# Details

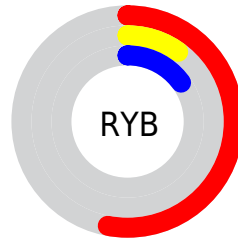
The Hex color **871927** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **198779**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **C25054**, and **4E0000** is the 20% darker color. If you saturate the color by 10%, you get **870B1B**, and if you desaturate by 10%, it is **872633**.

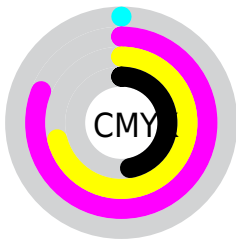
# Distribution



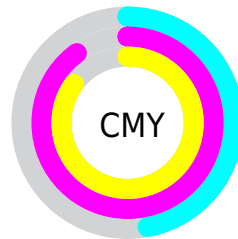
- Red (53%)
- Green (10%)
- Blue (15%)



- Red (53%)
- Yellow (10%)
- Blue (15%)



- Cyan (0%)
- Magenta (81%)
- Yellow (71%)
- Black (47%)



- Cyan (47%)
- Magenta (90%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 871927 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 871927 by changing the saturation by 10% instead.



 871927

 871927

FFFFFF

 6A0013

 C25054

 4E0000

 E06B6C

 340002

 FF8685

 000000

 FFA19F

 FFBDBA

 FFD9D6

 FFF7F3

 871927

 871927

■ 870B1B

■ 872633

■ 870011

■ 87343F

■ 87414A

■ 874F56

■ 875D62

■ 876A6E

■ 877779

■ 878585

■ 879391

# Harmonies

## Analogous

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



85124E



871927



773000

# Triad

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



871927



005313



004C94

# Complementary

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



871927



198779

# 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.



005485



871927



00563D

# Square

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



871927



364D00



005665



303E8D

# Rectangle

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



871927



653C00



005665



004F92



# Sweetspot

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



871927



B0868B



781987



593F43



D9D9D9



595959



# Same Dimension

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



871927



B00419



874119



423C3D



820011



030000



# Inverse Universe

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



871927



B00419



195F87



423C3D



820011

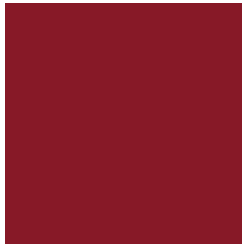


030000



# Previews

## White Background



This preview shows how the Hex color 871927 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 871927 Background



This preview shows how black text looks on a background with the Hex color 871927.

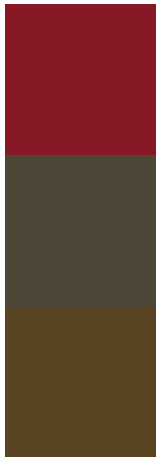


This preview shows how white text looks on a background with the Hex color 871927.

# 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**  
871927

**Protanopia**  
4C4737

**Deuteranopia**  
584421



**Tritanopia**  
871B1B

# Trichromacy



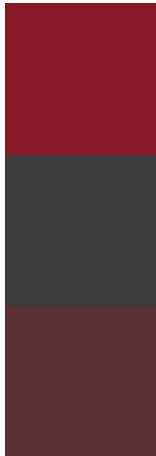
**Original Color**  
871927

**Protanomaly**  
613631

**Deuteranomaly**  
693423

**Tritanomaly**  
871A1F

# Monochromacy



**Original Color**  
871927

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
572F34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 871927 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 #871927 looks like.

```
.text, #text, p{  
    color:#871927  
}
```

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 #871927 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #871927
}
```

## Border

The CSS property to change the border of an element to Hex 871927 is called "border". The border property can be set on classes, ids or directly on the HTML element.

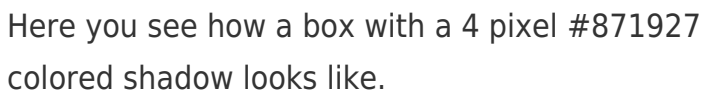
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#871927 }
```

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

```
.border{ border-color:#871927 }
```

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



Here you see how a box with a 4 pixel #871927 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #871927; -webkit-box-shadow:4px 4px  
4px 4px #871927; box-shadow:4px 4px 4px  
4px #871927 }
```

# Background

The CSS property to change the background color of an element to Hex 871927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#871927 }
```

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

```
.background{ background-color:#871927 }
```

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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