

Converting Colors

Hex(870D27)

Have a look what the booklet for
Hex(870D27) contains.

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Color

Hex(870D27)

Conversions

Conversions Part 1

Format	Color
Hex	870D27
RGB	135, 13, 39
RGB Percent	53%, 5%, 15%
CMY	0.4706, 0.9490, 0.8471
CMYK	0.00, 0.90, 0.71, 0.47
HSL	347°, 82%, 29%
HSV	347°, 90%, 53%
XYZ	10.5018, 5.5852, 2.4440
YIQ	52.4420, 64.3660, 33.9500

Conversions

Conversions Part 2

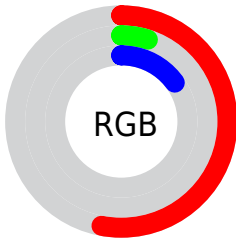
Format	Color
RYB	135, 13, 39
Decimal	8850727
CIELab	28.34, 48.80, 20.03
CIELCh	28, 52.754, 22.318
Yxy	5.5852, 0.5667, 0.3014
Android (android.graphics.Color)	4287040807 (0xFF870D27)
YUV	52.4420, -6.6269, 72.4034
Hunter-Lab	23.6331, 37.9619, 10.4117

Details

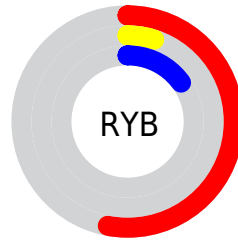
The Hex color **870D27** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0D876D**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **C24A54**, and **4E0000** is the 20% darker color. If you saturate the color by 10%, you get **87001D**, and if you desaturate by 10%, it is **871A32**.

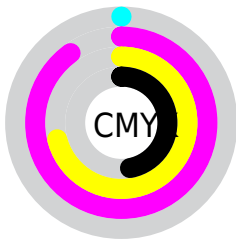
Distribution



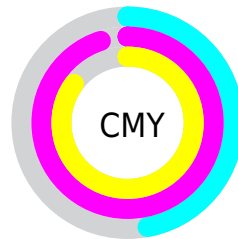
- Red (53%)
- Green (5%)
- Blue (15%)



- Red (53%)
- Yellow (5%)
- Blue (15%)



- Cyan (0%)
- Magenta (90%)
- Yellow (71%)
- Black (47%)



- Cyan (47%)
- Magenta (95%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 870D27 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 870D27 by changing the saturation by 10% instead.

 870D27

 870D27

FFFFFF

 6A0013

 C24A54

 4E0000

 E1656C

 330002

 FF8085

 000000

 FF9B9F

 FFB7BA

 FFD4D6

 FFF1F2

 870D27

 870D27

■ 87001D

■ 871A32

■ 87283C

■ 873547

■ 874351

■ 87505C

■ 875E67

■ 876B71

■ 87797C

■ 878787

Harmonies

Analogous

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



84064F



870D27



782A00

Triad

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



870D27



005008



004B94

Complementary

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



870D27



0D876D

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.



005283



870D27



005337

Square

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



870D27



364A00



005461



1E3D8F

Rectangle

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



870D27



663800



005461



004E91

Sweetspot

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



870D27



B0808B



6D0D87



593D43



D9D9D9



595959

Same Dimension

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



870D27



B00025



87300D



423C3D



82001C



030001

Inverse Universe

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



870D27



B00025



0D6487



423C3D



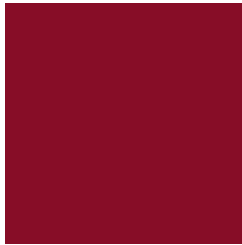
82001C



030001

Previews

White Background



This preview shows how the Hex color 870D27 looks on a white background.

Color Contrast Check

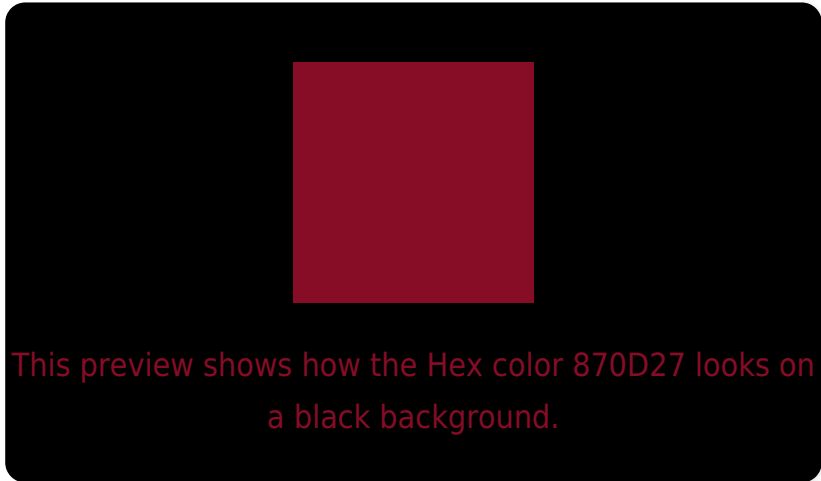
Large Text (above 18pt) WCAG AA ✓ Pass

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 870D27 Background



This preview shows how black text looks on a background with the Hex color 870D27.



This preview shows how white text looks on a background with the Hex color 870D27.

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
870D27

Protanopia
494539

Deuteranopia
564220



Tritanopia
861311

Trichromacy



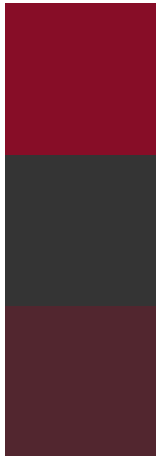
Original Color
870D27

Protanomaly
603132

Deuteranomaly
682F23

Tritanomaly
861119

Monochromacy



Original Color
870D27

Achromatopsia
343434

Achromatomaly
52262F

CSS Examples

Text

The CSS property to change the color of the text to Hex 870D27 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 #870D27 looks like.

```
.text, #text, p{  
    color:#870D27  
}
```

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 #870D27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #870D27
}
```

Border

The CSS property to change the border of an element to Hex 870D27 is called "border". The border property can be set on classes, ids or directly on the HTML element.

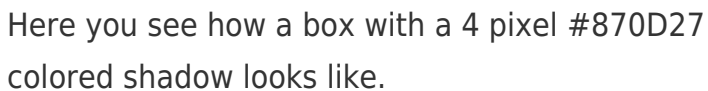
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#870D27 }
```

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

```
.border{ border-color:#870D27 }
```

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



Here you see how a box with a 4 pixel #870D27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #870D27; -webkit-box-shadow:4px 4px  
4px 4px #870D27; box-shadow:4px 4px 4px  
4px #870D27 }
```

Background

The CSS property to change the background color of an element to Hex 870D27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#870D27 }
```

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

```
.background{ background-color:#870D27 }
```

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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