

Converting Colors

Hex(870057)

Have a look what the booklet for
Hex(870057) contains.

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Color

Hex(870057)

Conversions

Conversions Part 1

Format	Color
Hex	870057
RGB	135, 0, 87
RGB Percent	53%, 0%, 34%
CMY	0.4706, 1.0000, 0.6588
CMYK	0.00, 1.00, 0.36, 0.47
HSL	321°, 100%, 26%
HSV	321°, 100%, 53%
XYZ	11.7120, 5.8390, 9.5266
YIQ	50.2830, 52.5330, 55.6770

Conversions

Conversions Part 2

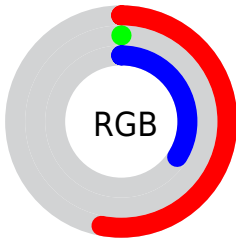
Format	Color
R_YB	135, 0, 87
Decimal	8847447
CIE Lab	29.00, 54.83, -11.20
CIE LCh	29, 55.964, 348.458
Yxy	5.8390, 0.4325, 0.2156
Android (android.graphics.Color)	4287037527 (0xFF870057)
YUV	50.2830, 18.1015, 74.2968
Hunter-Lab	24.1641, 44.2293, -6.4600

Details

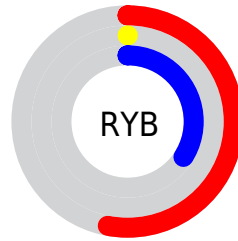
The Hex color **870057** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **008730**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **C04789**, and **50002A** is the 20% darker color. If you saturate the color by 10%, you get **870057**, and if you desaturate by 10%, it is **870D5C**.

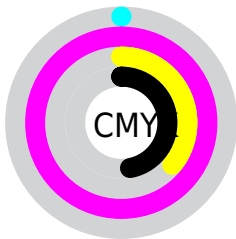
Distribution



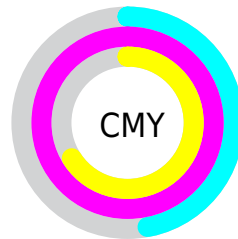
- Red (53%)
- Green (0%)
- Blue (34%)



- Red (53%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (47%)



- Cyan (47%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 870057 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 870057 by changing the saturation by 10% instead.

 870057

 870057

FFFFFF

 6B0040

 C04789

 50002A

 DE63A3

 370015

 FC7EBE

 120000

 FF9ADA

 000000

 FFB6F7

 FFD3FF

 FFF0FF

 870057

■ 870D5C

■ 871B61

■ 872965

■ 87366A

■ 87446F

■ 875174

■ 875E79

■ 876C7D

■ 877A82

Harmonies

Analogous

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



65287F



870057



8D002C

Triad

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



870057



3C4A00



005585

Complementary

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



870057



008730

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.



00565F



870057



005200

Square

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



870057



623C00



005532



004F9A

Rectangle

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



870057



851B10



005532



00567A

Sweetspot

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



870057



B07B9D



2F0087



59394E



D9D9D9



595959

Same Dimension

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



870057



B00071



870014



423C40



820054



030002

Inverse Universe

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



870057



B00071



008773



423C40



820054



030002

Previews

White Background



This preview shows how the Hex color 870057 looks on a white background.

Color Contrast Check

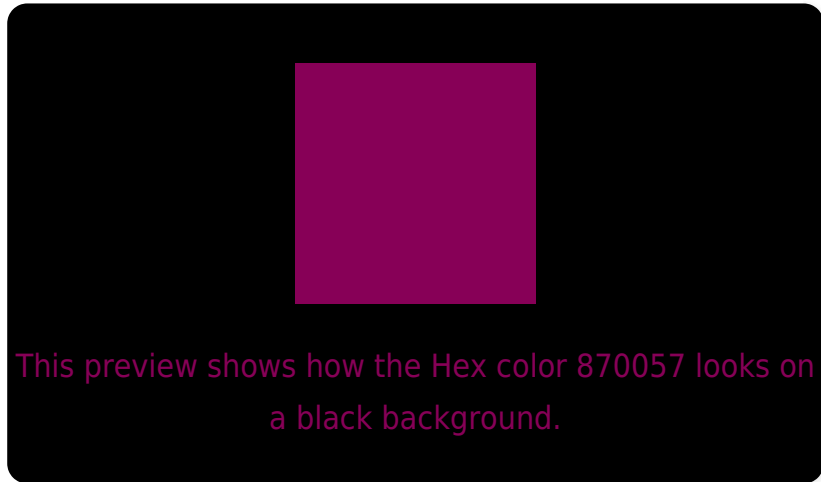
Large Text (above 18pt) WCAG AA ✓ Pass

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

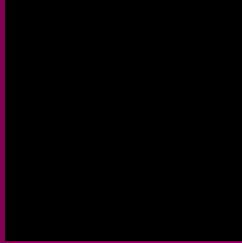
Any Text WCAG AA × Fail

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 870057 Background



This preview shows how black text looks on a background with the Hex color 870057.

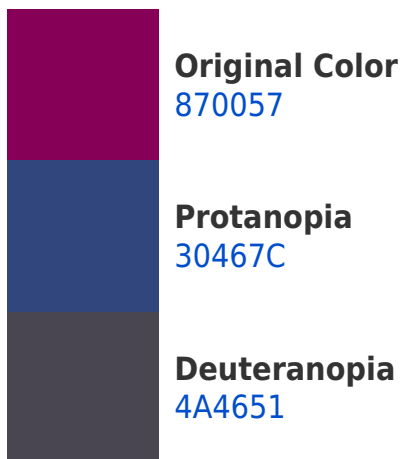


This preview shows how white text looks on a background with the Hex color 870057.

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
842224

Trichromacy



Original Color
870057

Protanomaly
502D6F

Deuteranomaly
602D53

Tritanomaly
851637

Monochromacy



Original Color
870057

Achromatopsia
323232

Achromatomaly
51203F

CSS Examples

Text

The CSS property to change the color of the text to Hex 870057 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 #870057 looks like.

```
.text, #text, p{  
    color:#870057  
}
```

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 #870057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #870057
}
```

Border

The CSS property to change the border of an element to Hex 870057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

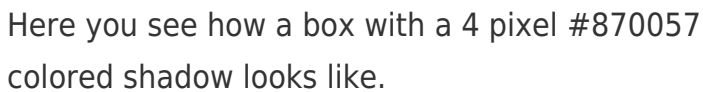
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#870057 }
```

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

```
.border{ border-color:#870057 }
```

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



Here you see how a box with a 4 pixel `#870057` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #870057; -webkit-box-shadow:4px 4px  
4px 4px #870057; box-shadow:4px 4px 4px  
4px #870057 }
```

Background

The CSS property to change the background color of an element to Hex 870057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#870057 }
```

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

```
.background{ background-color:#870057 }
```

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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