

Converting Colors

Hex(870068)

Have a look what the booklet for
Hex(870068) contains.

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Color

Hex(870068)

Conversions

Conversions Part 1

Format	Color
Hex	870068
RGB	135, 0, 104
RGB Percent	53%, 0%, 41%
CMY	0.4706, 1.0000, 0.5922
CMYK	0.00, 1.00, 0.23, 0.47
HSL	314°, 100%, 26%
HSV	314°, 100%, 53%
XYZ	12.4904, 6.1504, 13.6255
YIQ	52.2210, 47.0760, 60.9640

Conversions

Conversions Part 2

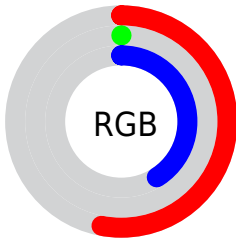
Format	Color
RYB	135, 0, 104
Decimal	8847464
CIELab	29.79, 56.84, -21.09
CIElCh	30, 60.626, 339.642
Yxy	6.1504, 0.3871, 0.1906
Android (android.graphics.Color)	4287037544 (0xFF870068)
YUV	52.2210, 25.5270, 72.5972
Hunter-Lab	24.7999, 46.5007, -15.2150

Details

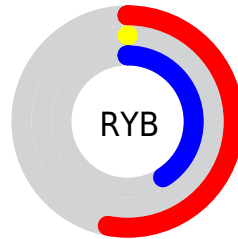
The Hex color **870068** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00871F**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **C0489B**, and **500039** is the 20% darker color. If you saturate the color by 10%, you get **870068**, and if you desaturate by 10%, it is **870D6B**.

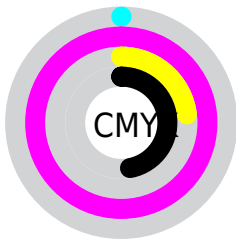
Distribution



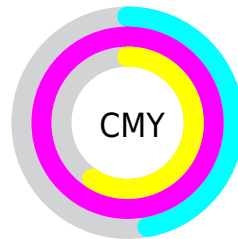
- Red (53%)
- Green (0%)
- Blue (41%)



- Red (53%)
- Yellow (0%)
- Blue (41%)



- Cyan (0%)
- Magenta (100%)
- Yellow (23%)
- Black (47%)



- Cyan (47%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 870068 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 870068 by changing the saturation by 10% instead.

 870068

 870068

FFFFFF

 6B0050

 C0489B

 500039

 DD64B6

 390023

 FB7FD2

 180009

 FF9BEE

 000000

 FFB8FF

 FFD4FF

 FFF2FF

 870068

■ 870D6B

■ 871B6E

■ 872971

■ 873674

■ 874478

■ 87517B

■ 875E7E

■ 876C81

■ 877A84

Harmonies

Analogous

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



573090



870068



950039

Triad

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



870068



494900



005982

Complementary

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



870068



00871F

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.



005955



870068



085300

Square

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



870068



703700



005723



0054A0

Rectangle

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



870068



91031B



005723



005974

Sweetspot

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



870068



B07BA4



1D0087



593952



D9D9D9



595959

Same Dimension

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



870068



B00088



870026



423C41



820064



030002

Inverse Universe

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



870068



B00088



008761



423C41



820064



030002

Previews

White Background



This preview shows how the Hex color 870068 looks on a white background.

Color Contrast Check

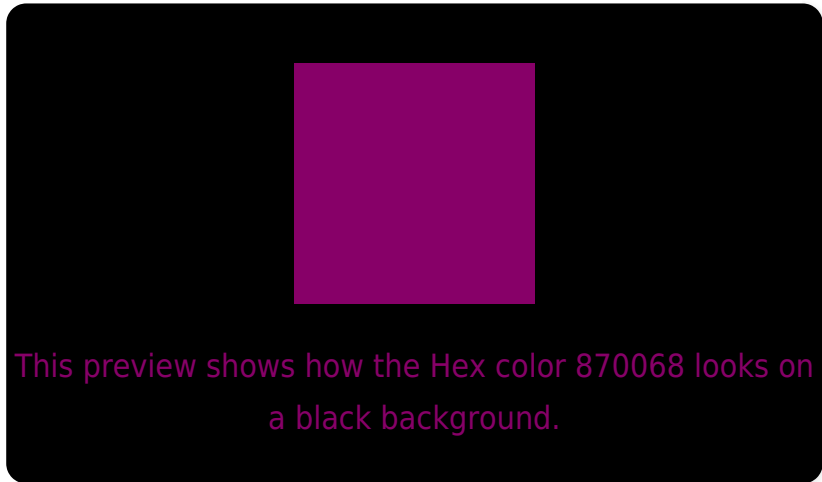
Large Text (above 18pt) WCAG AA ✓ Pass

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

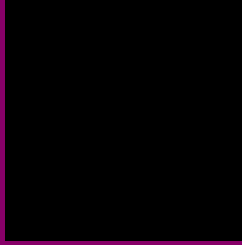
Any Text WCAG AA × Fail

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 870068 Background



This preview shows how black text looks on a background with the Hex color 870068.



This preview shows how white text looks on a background with the Hex color 870068.

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
82292B

Trichromacy



Original Color
870068

Protanomaly
3E2D84

Deuteranomaly
5C2E64

Tritanomaly
841A41

Monochromacy



Original Color
870068

Achromatopsia
343434

Achromatomaly
522147

CSS Examples

Text

The CSS property to change the color of the text to Hex 870068 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 #870068 looks like.

```
.text, #text, p{  
    color:#870068  
}
```

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 #870068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #870068
}
```

Border

The CSS property to change the border of an element to Hex 870068 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
#870068 }
```

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

```
.border{ border-color:#870068 }
```

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

Here you see how a box with a 4 pixel #870068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #870068; -webkit-box-shadow:4px 4px  
4px 4px #870068; box-shadow:4px 4px 4px  
4px #870068 }
```

Background

The CSS property to change the background color of an element to Hex 870068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#870068 }
```

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

```
.background{ background-color:#870068 }
```

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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