

Converting Colors

Hex(870080)

Have a look what the booklet for
Hex(870080) contains.

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Color

Hex(870080)

Conversions

Conversions Part 1

Format	Color
Hex	870080
RGB	135, 0, 128
RGB Percent	53%, 0%, 50%
CMY	0.4706, 1.0000, 0.4980
CMYK	0.00, 1.00, 0.05, 0.47
HSL	303°, 100%, 26%
HSV	303°, 100%, 53%
XYZ	13.8880, 6.7094, 20.9851
YIQ	54.9570, 39.3720, 68.4280

Conversions

Conversions Part 2

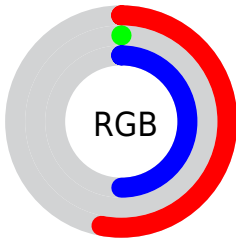
Format	Color
R_{YB}	135, 0, 128
Decimal	8847488
CIE _{Lab}	31.14, 60.18, -34.26
CIE _{LCh}	31, 69.247, 330.349
Yxy	6.7094, 0.3340, 0.1614
Android (android.graphics.Color)	4287037568 (0xFF870080)
YUV	54.9570, 36.0102, 70.1977
Hunter-Lab	25.9025, 50.3755, -29.9025

Details

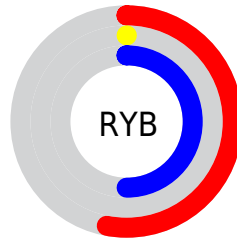
The Hex color **870080** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **008707**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **C04AB5**, and **50004E** is the 20% darker color. If you saturate the color by 10%, you get **870080**, and if you desaturate by 10%, it is **870D81**.

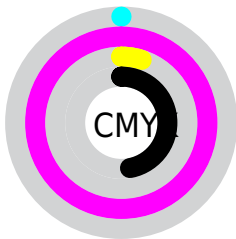
Distribution



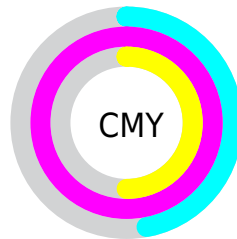
- Red (53%)
- Green (0%)
- Blue (50%)



- Red (53%)
- Yellow (0%)
- Blue (50%)



- Cyan (0%)
- Magenta (100%)
- Yellow (5%)
- Black (47%)



- Cyan (47%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 870080 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 870080 by changing the saturation by 10% instead.

 870080

 870080

FFFFFF

 6B0067

 C04AB5

 50004E

 DD66D1

 380037

 FB81EE

 1A0020

 FF9DFF

 000004

 FFBAFF

 000000

 FFD7FF

 FFF4FF

 870080

■ 870D81

■ 871B81

■ 872982

■ 873683

■ 874484

■ 875184

■ 875E85

■ 876C86

■ 877A86

Harmonies

Analogous

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



383AA9



870080



A2004B

Triad

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



870080



5A4800



005E7F

Complementary

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



870080



008707

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.



005E49



870080



205500

Square

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



870080



832E00



005B08



005CA9

Rectangle

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



870080



A20028



005B08



005E6E

Sweetspot

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



870080



B07BAD



070087



593958



D9D9D9



595959

Same Dimension

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



870080



B000A7



87003D



423C42



82007B



030002

Inverse Universe

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



870080



B000A7



00874A



423C42



82007B



030002

Previews

White Background



This preview shows how the Hex color 870080 looks on a white background.

Color Contrast Check

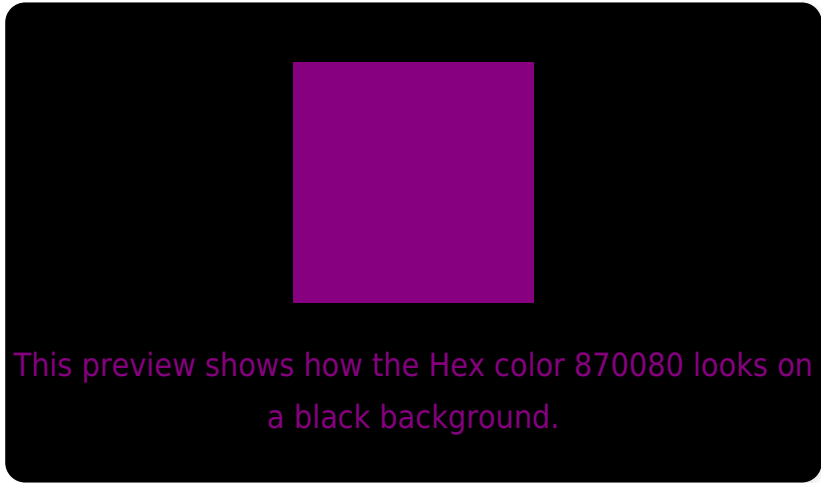
Large Text (above 18pt) WCAG AA ✓ Pass

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

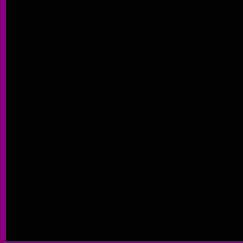
Any Text WCAG AA × Fail

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 870080 Background



This preview shows how black text looks on a background with the Hex color 870080.

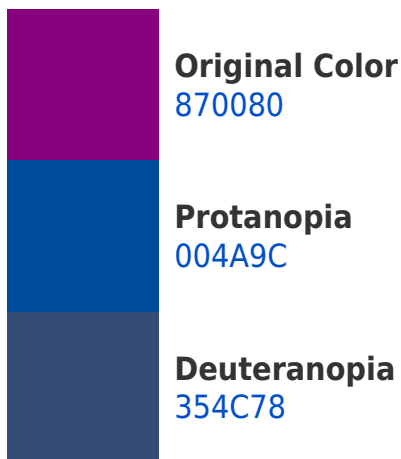


This preview shows how white text looks on a background with the Hex color 870080.

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
7F3235

Trichromacy



Original Color
870080



Protanomaly
312F92



Deuteranomaly
53307B



Tritanomaly
822050

Monochromacy



Original Color
870080



Achromatopsia
373737



Achromatomaly
542352

CSS Examples

Text

The CSS property to change the color of the text to Hex 870080 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 #870080 looks like.

```
.text, #text, p{  
    color:#870080  
}
```

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 #870080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #870080
}
```

Border

The CSS property to change the border of an element to Hex 870080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

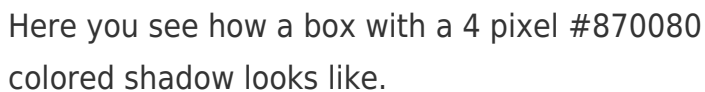
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#870080 }
```

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

```
.border{ border-color:#870080 }
```

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



Here you see how a box with a 4 pixel #870080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #870080; -webkit-box-shadow:4px 4px  
4px 4px #870080; box-shadow:4px 4px 4px  
4px #870080 }
```

Background

The CSS property to change the background color of an element to Hex 870080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#870080 }
```

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

```
.background{ background-color:#870080 }
```

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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