

Converting Colors

Hex(870855)

Have a look what the booklet for
Hex(870855) contains.

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Color

Hex(870855)

Conversions

Conversions Part 1

Format	Color
Hex	870855
RGB	135, 8, 85
RGB Percent	53%, 3%, 33%
CMY	0.4706, 0.9686, 0.6667
CMYK	0.00, 0.94, 0.37, 0.47
HSL	324°, 89%, 28%
HSV	324°, 94%, 53%
XYZ	11.7182, 5.9804, 9.1311
YIQ	54.7510, 50.9750, 50.8710

Conversions

Conversions Part 2

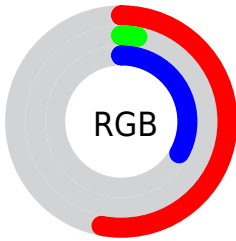
Format	Color
R_{YB}	135, 8, 85
Decimal	8849493
CIE _{Lab}	29.36, 53.32, -9.33
CIE _{LCh}	29, 54.133, 350.075
Yxy	5.9804, 0.4368, 0.2229
Android (android.graphics.Color)	4287039573 (0xFF870855)
YUV	54.7510, 14.9128, 70.3784
Hunter-Lab	24.4549, 42.7366, -5.0194




Details

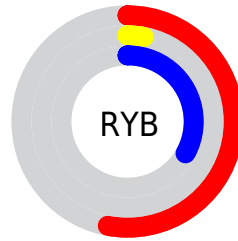
The Hex color **870855** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **08873A**, and the grayscale version is **373737**.




A 20% lighter version of the original color is **C04A87**, and **500028** is the 20% darker color. If you saturate the color by 10%, you get **870052**, and if you desaturate by 10%, it is **87155A**.

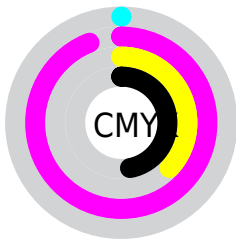
Distribution







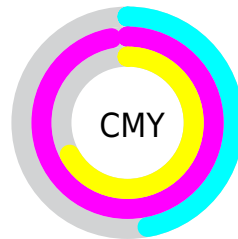
-  Red (53%)
-  Green (3%)
-  Blue (33%)






-  Red (53%)
-  Yellow (3%)
-  Blue (33%)



-  Cyan (0%)
-  Magenta (94%)
-  Yellow (37%)
-  Black (47%)



-  Cyan (47%)
-  Magenta (97%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 870855 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 870855 by changing the saturation by 10% instead.

 870855

 870855

FFFFFF

 6B003E

 C04A87

 500028

 DE65A1

 380014

 FC81BC

 120000

 FF9CD8

 000000

 FFB8F4

 FFD5FF

 FFF2FF

 870855

 870855

■ 870052

■ 87155A

■ 872360

■ 873165

■ 873E6A

■ 874C70

■ 875975

■ 87677A

■ 877480

■ 878285

Harmonies

Analogous

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



68297C



870855



8C0B2B

Triad

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



870855



3C4C00



005585

Complementary

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



870855



08873A

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.



005761



870855



005304

Square

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



870855



613E00



005635



004F99

Rectangle

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



870855



842010



005635



00567B

Sweetspot

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



870855



B07F9D



390887



593B4D



D9D9D9



595959

Same Dimension

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



870855



B0006B



870817



423C40



82004F



030002

Inverse Universe

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



870855



B0006B



088778



423C40



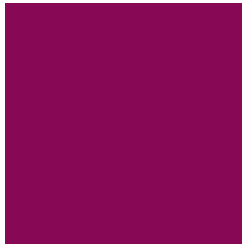
82004F



030002

Previews

White Background



This preview shows how the Hex color 870855 looks on a white background.

Color Contrast Check

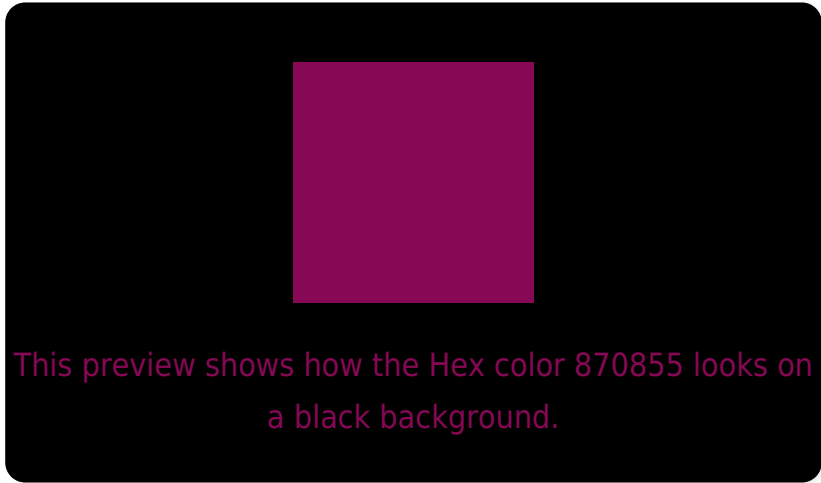
Large Text (above 18pt) WCAG AA ✓ Pass

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

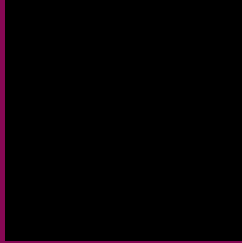
Any Text WCAG AA × Fail

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 870855 Background



This preview shows how black text looks on a background with the Hex color 870855.



This preview shows how white text looks on a background with the Hex color 870855.

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
870855

Protanopia
324679

Deuteranopia
4B464F



Tritanopia
842223

Trichromacy



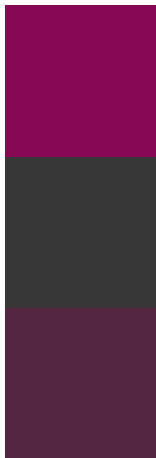
Original Color
870855

Protanomaly
512F6C

Deuteranomaly
612F51

Tritanomaly
851935

Monochromacy



Original Color
870855

Achromatopsia
373737

Achromatomaly
542642

CSS Examples

Text

The CSS property to change the color of the text to Hex 870855 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 #870855 looks like.

```
.text, #text, p{  
    color:#870855  
}
```

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 #870855 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #870855
}
```

Border

The CSS property to change the border of an element to Hex 870855 is called "border". The border property can be set on classes, ids or directly on the HTML element.

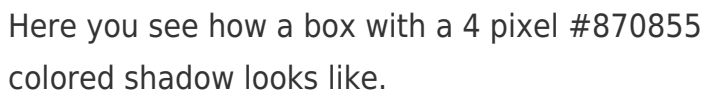
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#870855 }
```

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

```
.border{ border-color:#870855 }
```

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



Here you see how a box with a 4 pixel #870855 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #870855; -webkit-box-shadow:4px 4px  
4px 4px #870855; box-shadow:4px 4px 4px  
4px #870855 }
```

Background

The CSS property to change the background color of an element to Hex 870855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#870855 }
```

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

```
.background{ background-color:#870855 }
```

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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