

# Converting Colors

Hex(870095)

Have a look what the booklet for  
Hex(870095) contains.

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**Color**

**Hex(870095)**

# Conversions

## Conversions Part 1

Format	Color
Hex	870095
RGB	135, 0, 149
RGB Percent	53%, 0%, 58%
CMY	0.4706, 1.0000, 0.4157
CMYK	0.09, 1.00, 0.00, 0.42
HSL	294°, 100%, 29%
HSV	294°, 100%, 58%
XYZ	15.4165, 7.3208, 29.0343
YIQ	57.3510, 32.6310, 74.9590

# Conversions

## Conversions Part 2

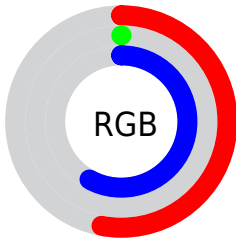
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 0, 149
Decimal	8847509
CIE <sub>Lab</sub>	32.53, 63.51, -45.06
CIE <sub>LCh</sub>	33, 77.877, 324.644
Yxy	7.3208, 0.2978, 0.1414
Android (android.graphics.Color)	4287037589 (0xFF870095)
YUV	57.3510, 45.1830, 68.0982
Hunter-Lab	27.0570, 54.3556, -44.6829

# Details

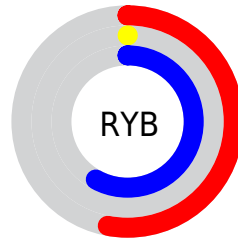
The Hex color **870095** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **0E9500**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **C04BCC**, and **500061** is the 20% darker color. If you saturate the color by 10%, you get **870095**, and if you desaturate by 10%, it is **880F95**.

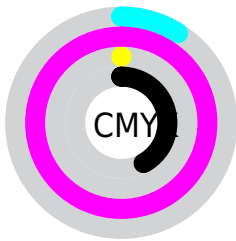
# Distribution



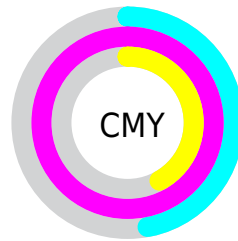
- Red (53%)
- Green (0%)
- Blue (58%)



- Red (53%)
- Yellow (0%)
- Blue (58%)



- Cyan (9%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)



- Cyan (47%)
- Magenta (100%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 870095 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 870095 by changing the saturation by 10% instead.



 870095

 870095

FFFFFF

 6B007B

 C04BCC

 500061

 DD67E8

 360049

 FB83FF

 1A0031

 FF9FFF

 00011B

 FFBCFF

 000000

 FFD9FF

 FFF6FF

 870095

 880F95


 8A1E95

 8B2D95

 8D3C95

 8E4B95

 8F5995

 916895

 927795

 948695

# Harmonies

## Analogous

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



0042BF



870095



AD005A

# Triad

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



870095



684700



00647F

# Complementary

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



870095



0E9500

# 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.



00623F



870095



2A5800

# Square

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



870095



932200



005F00



0062B2

# Rectangle

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



870095



B10032



005F00



00636A



# Sweetspot

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



870095



BC88C2



000F95



5E3E61



E0E0E0



616161



# Same Dimension

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



870095



B000C2



950059



49434A



7D008A



09000A



# Inverse Universe

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



95000E



C20012



00953C



4A4343



8A000D



0A0001



# Previews

## White Background



This preview shows how the Hex color 870095 looks on a white background.

## Color Contrast Check

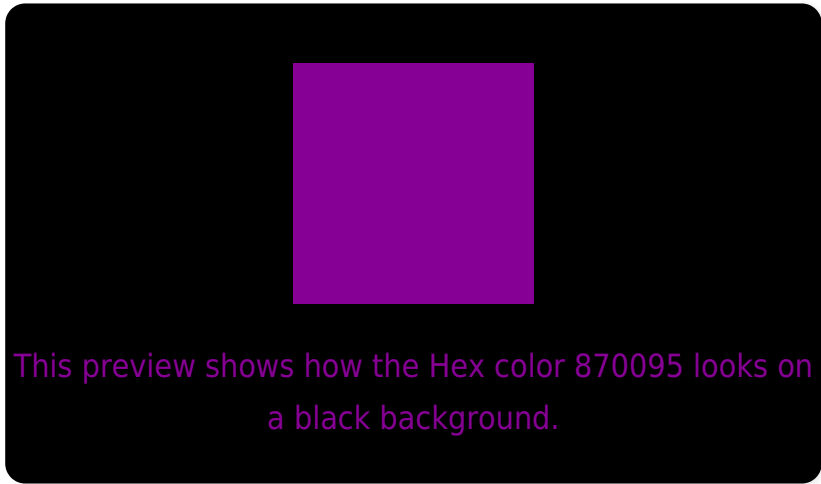
Large Text (above 18pt) WCAG AA ✓ Pass

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

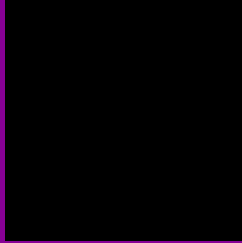
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 870095 Background



This preview shows how black text looks on a background with the Hex color 870095.



This preview shows how white text looks on a background with the Hex color 870095.

# 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**  
870095

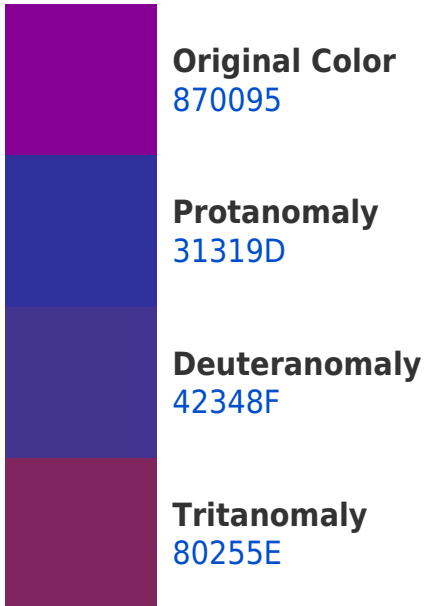
**Protanopia**  
004DA2

**Deuteranopia**  
1A518C

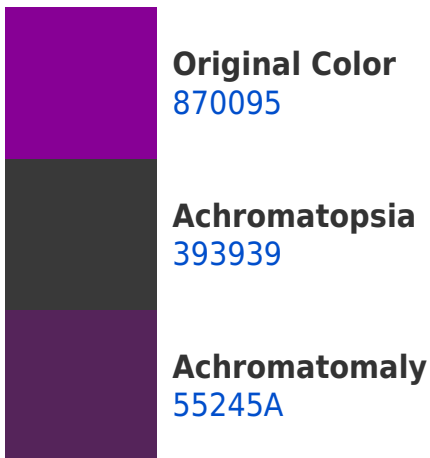


**Tritanopia**  
7C3A3E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 870095 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 #870095 looks like.

```
.text, #text, p{  
    color:#870095  
}
```

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 #870095 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #870095
}
```

## Border

The CSS property to change the border of an element to Hex 870095 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
#870095 }
```

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

```
.border{ border-color:#870095 }
```

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

Here you see how a box with a 4 pixel #870095 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #870095; -webkit-box-shadow:4px 4px  
4px 4px #870095; box-shadow:4px 4px 4px  
4px #870095 }
```

# Background

The CSS property to change the background color of an element to Hex 870095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#870095 }
```

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

```
.background{ background-color:#870095 }
```

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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