

Converting Colors

Hex(870A50)

Have a look what the booklet for
Hex(870A50) contains.

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Color

Hex(870A50)

Conversions

Conversions Part 1

Format	Color
Hex	870A50
RGB	135, 10, 80
RGB Percent	53%, 4%, 31%
CMY	0.4706, 0.9608, 0.6863
CMYK	0.00, 0.93, 0.41, 0.47
HSL	326°, 86%, 28%
HSV	326°, 93%, 53%
XYZ	11.5482, 5.9472, 8.1287
YIQ	55.3550, 52.0300, 48.2700

Conversions

Conversions Part 2

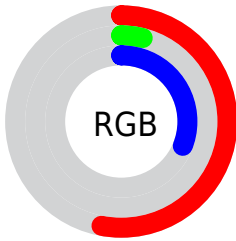
Format	Color
R_{YB}	135, 10, 80
Decimal	8850000
CIE Lab	29.28, 52.48, -6.15
CIE LCh	29, 52.836, 353.319
Yxy	5.9472, 0.4507, 0.2321
Android (android.graphics.Color)	4287040080 (0xFF870A50)
YUV	55.3550, 12.1500, 69.8487
Hunter-Lab	24.3868, 41.8503, -2.6919

Details

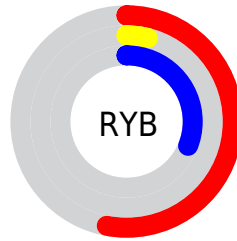
The Hex color **870A50** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **0A8741**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **C04B81**, and **500024** is the 20% darker color. If you saturate the color by 10%, you get **87004C**, and if you desaturate by 10%, it is **871756**.

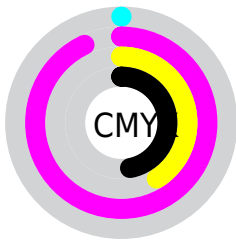
Distribution



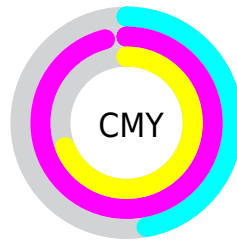
- Red (53%)
- Green (4%)
- Blue (31%)



- Red (53%)
- Yellow (4%)
- Blue (31%)



- Cyan (0%)
- Magenta (93%)
- Yellow (41%)
- Black (47%)



- Cyan (47%)
- Magenta (96%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 870A50 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 870A50 by changing the saturation by 10% instead.

 870A50

 870A50

FFFFFF

 6B0039

 C04B81

 500024

 DE669B

 38000E

 FC81B6

 0F0000

 FF9DD2

 000000

 FFB9EE

 FFD5FF

 FFF3FF

 870A50

 870A50

■ 87004C

■ 871756

■ 87255C

■ 873262

■ 874068

■ 874E6E

■ 875B74

■ 87697A

■ 877680

■ 878485

Harmonies

Analogous

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



6C2777



870A50



8A1228

Triad

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



870A50



374C00



005487

Complementary

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



870A50



0A8741

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.



005664



870A50



00530C

Square

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



870A50



5D4000



00563A



004D97

Rectangle

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



870A50



81240C



00563A



00557D

Sweetspot

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



870A50



B07F9A



400A87



593B4C



D9D9D9



595959

Same Dimension

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



870A50



B00063



870A12



423C3F



820049



030001

Inverse Universe

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



870A50



B00063



0A877F



423C3F



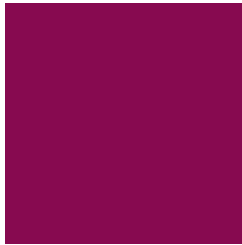
820049



030001

Previews

White Background



This preview shows how the Hex color 870A50 looks on a white background.

Color Contrast Check

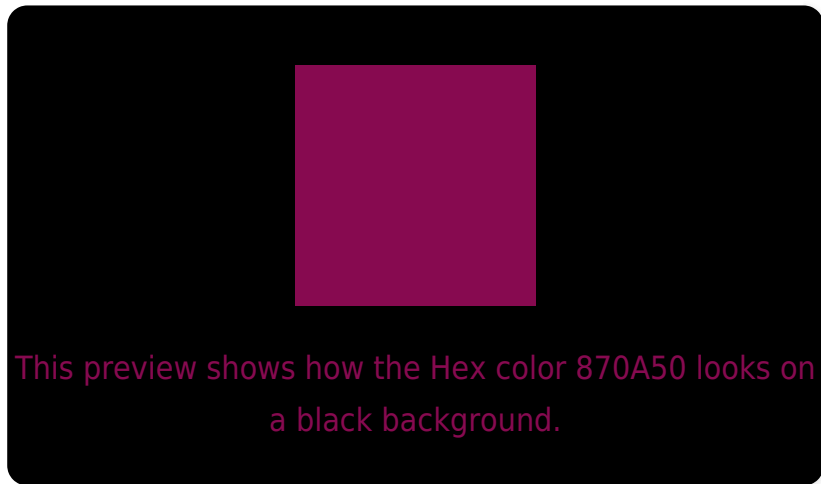
Large Text (above 18pt) WCAG AA ✓ Pass

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

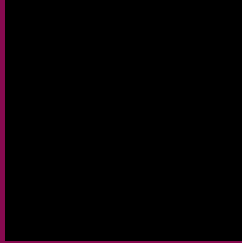
Any Text WCAG AA × Fail

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 870A50 Background



This preview shows how black text looks on a background with the Hex color 870A50.

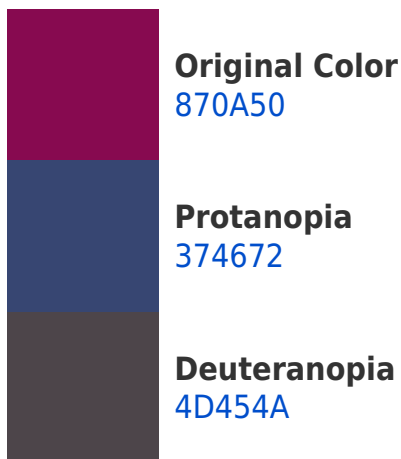


This preview shows how white text looks on a background with the Hex color 870A50.

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



Trichromacy



Original Color
870A50

Protanomaly
543066

Deuteranomaly
62304C

Tritanomaly
851933

Monochromacy



Original Color
870A50

Achromatopsia
373737

Achromatomaly
542740

CSS Examples

Text

The CSS property to change the color of the text to Hex 870A50 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 #870A50 looks like.

```
.text, #text, p{  
    color:#870A50  
}
```

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 #870A50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #870A50
}
```

Border

The CSS property to change the border of an element to Hex 870A50 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".

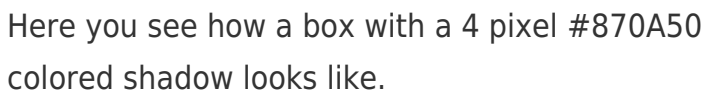
```
.border, #border, table{ border:4px solid
#870A50 }
```

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

```
.border{ border-color:#870A50 }
```

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

Here you see how a box with a 4 pixel #870A50 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #870A50; -webkit-box-shadow:4px 4px  
4px 4px #870A50; box-shadow:4px 4px 4px  
4px #870A50 }
```

Background

The CSS property to change the background color of an element to Hex 870A50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#870A50 }
```

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

```
.background{ background-color:#870A50 }
```

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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