

Converting Colors

Hex(870B5A)

Have a look what the booklet for
Hex(870B5A) contains.

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Color

Hex(870B5A)

Conversions

Conversions Part 1

Format	Color
Hex	870B5A
RGB	135, 11, 90
RGB Percent	53%, 4%, 35%
CMY	0.4706, 0.9569, 0.6471
CMYK	0.00, 0.92, 0.33, 0.47
HSL	322°, 85%, 29%
HSV	322°, 92%, 53%
XYZ	11.9568, 6.1284, 10.2256
YIQ	57.0820, 48.5450, 50.8570

Conversions

Conversions Part 2

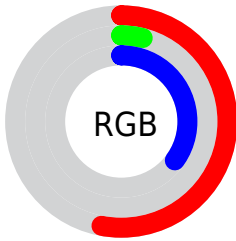
Format	Color
R_{YB}	135, 11, 90
Decimal	8850266
CIE _{Lab}	29.73, 53.40, -12.06
CIE _{LCh}	30, 54.745, 347.277
Yxy	6.1284, 0.4223, 0.2165
Android (android.graphics.Color)	4287040346 (0xFF870B5A)
YUV	57.0820, 16.2286, 68.3341
Hunter-Lab	24.7557, 42.8918, -7.1614

Details

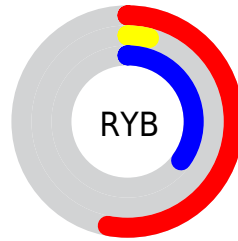
The Hex color **870B5A** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **0B8738**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **C04B8C**, and **50002C** is the 20% darker color. If you saturate the color by 10%, you get **870056**, and if you desaturate by 10%, it is **87195F**.

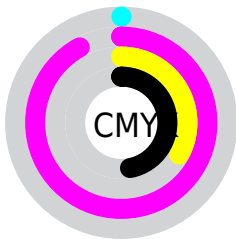
Distribution



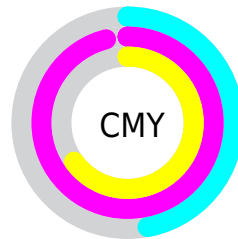
- Red (53%)
- Green (4%)
- Blue (35%)



- Red (53%)
- Yellow (4%)
- Blue (35%)



- Cyan (0%)
- Magenta (92%)
- Yellow (33%)
- Black (47%)



- Cyan (47%)
- Magenta (96%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 870B5A 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 870B5A by changing the saturation by 10% instead.

 870B5A

 870B5A

FFFFFF

 6B0043

 C04B8C

 50002C

 DD67A7

 380018

 FB82C2

 140000

 FF9EDE

 000000

 FFBAFA

 FFD6FF

 FFF4FF

 870B5A

 870B5A

■ 870056

■ 87195F

■ 872664

■ 873469

■ 87416E

■ 874F72

■ 875C77

■ 876A7C

■ 877781

■ 878586

Harmonies

Analogous

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



652C80



870B5A



8E0730

Triad

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



870B5A



404C00



005784

Complementary

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



870B5A



0B8738

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.



00585E



870B5A



005300

Square

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



870B5A



653E00



005732



00519A

Rectangle

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



870B5A



871E14



005732



005779

Sweetspot

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



870B5A



B07F9E



360B87



593B4E



D9D9D9



595959

Same Dimension

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



870B5A



B00070



870B1E



423C40



820053



030002

Inverse Universe

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



870B5A



B00070



0B8774



423C40



820053



030002

Previews

White Background



This preview shows how the Hex color 870B5A looks on a white background.

Color Contrast Check

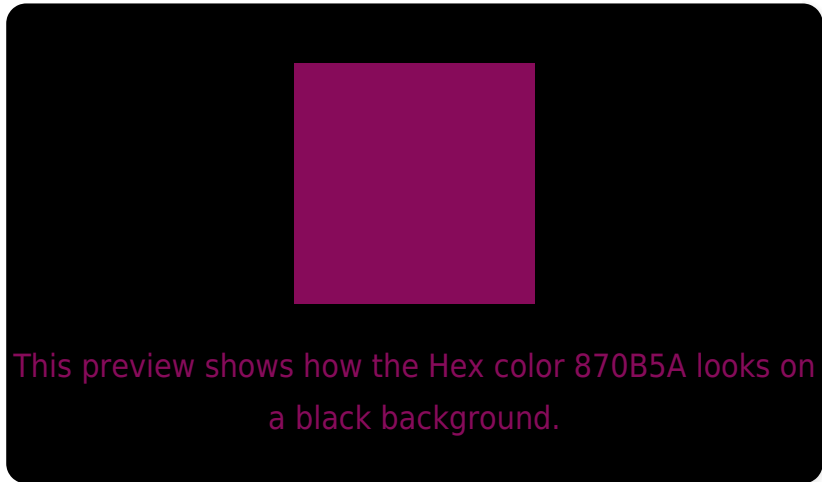
Large Text (above 18pt) WCAG AA ✓ Pass

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 870B5A Background



This preview shows how black text looks on a background with the Hex color 870B5A.

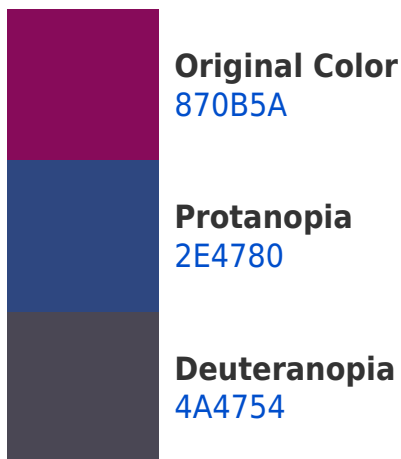


This preview shows how white text looks on a background with the Hex color 870B5A.

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
842526

Trichromacy



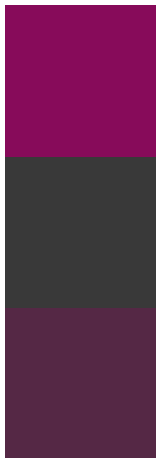
Original Color
870B5A

Protanomaly
4E3172

Deuteranomaly
603156

Tritanomaly
851C39

Monochromacy



Original Color
870B5A

Achromatopsia
393939

Achromatomaly
552845

CSS Examples

Text

The CSS property to change the color of the text to Hex 870B5A 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 #870B5A looks like.

```
.text, #text, p{  
    color:#870B5A  
}
```

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 #870B5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #870B5A
}
```

Border

The CSS property to change the border of an element to Hex 870B5A is called "border". The border property can be set on classes, ids or directly on the HTML element.

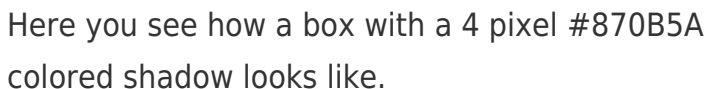
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#870B5A }
```

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

```
.border{ border-color:#870B5A }
```

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



Here you see how a box with a 4 pixel #870B5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #870B5A; -webkit-box-shadow:4px 4px  
4px 4px #870B5A; box-shadow:4px 4px 4px  
4px #870B5A }
```

Background

The CSS property to change the background color of an element to Hex 870B5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#870B5A }
```

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

```
.background{ background-color:#870B5A }
```

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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