

Converting Colors

Hex(872B70)

Have a look what the booklet for
Hex(872B70) contains.

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Color

Hex(872B70)

Conversions

Conversions Part 1

Format	Color
Hex	872B70
RGB	135, 43, 112
RGB Percent	53%, 17%, 44%
CMY	0.4706, 0.8314, 0.5608
CMYK	0.00, 0.68, 0.17, 0.47
HSL	315°, 52%, 35%
HSV	315°, 68%, 53%
XYZ	13.7802, 8.0485, 16.1565
YIQ	78.3740, 32.6830, 40.9630

Conversions

Conversions Part 2

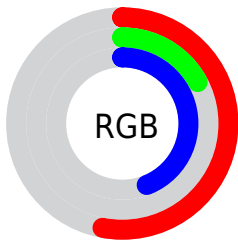
Format	Color
R_{YB}	135, 43, 112
Decimal	8858480
CIE _{Lab}	34.08, 46.79, -19.53
CIE _{LCh}	34, 50.704, 337.343
Yxy	8.0485, 0.3628, 0.2119
Android (android.graphics.Color)	4287048560 (0xFF872B70)
YUV	78.3740, 16.5776, 49.6610
Hunter-Lab	28.3699, 37.0560, -13.9063

Details

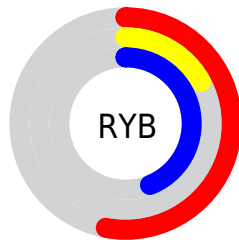
The Hex color **872B70** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2B8742**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **BF60A4**, and **520040** is the 20% darker color. If you saturate the color by 10%, you get **871D6D**, and if you desaturate by 10%, it is **873973**.

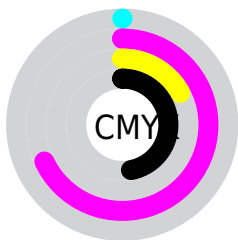
Distribution



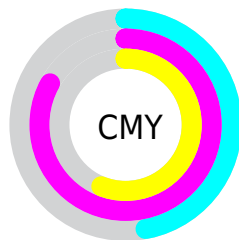
- Red (53%)
- Green (17%)
- Blue (44%)



- Red (53%)
- Yellow (17%)
- Blue (44%)



- Cyan (0%)
- Magenta (68%)
- Yellow (17%)
- Black (47%)



- Cyan (47%)
- Magenta (83%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 872B70 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 872B70 by changing the saturation by 10% instead.

872B70

872B70

FFFFFF

6C0B57

BF60A4

520040

DC7ABF

39002A

F995DB

1F0014

FFB1F8

000000

FFCDDF

FFEAFD

872B70

872B70

871D6D

873973

■ 871069

■ 874677

■ 870266

■ 87547A

■ 870065

■ 87617E

■ 876E81

■ 877C84

■ 878A88

■ 87978B

■ 87A58E

Harmonies

Analogous

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



5C4091



872B70



962148

Triad

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



872B70



595200



006180

Complementary

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



872B70



2B8742

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.



006259



872B70



2D5B01

Square

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



872B70



7A4200



00602F



005D9B

Rectangle

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



872B70



94282E



00602F



006274

Sweetspot

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



872B70



B08DA7



422B87



594454



D9D9D9



595959

Same Dimension

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



872B70



B0208C



872B42



423C41



820062



030002

Inverse Universe

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



872B70



B0208C



2B8770



423C41



820062



030002

Previews

White Background



This preview shows how the Hex color 872B70 looks on a white background.

Color Contrast Check

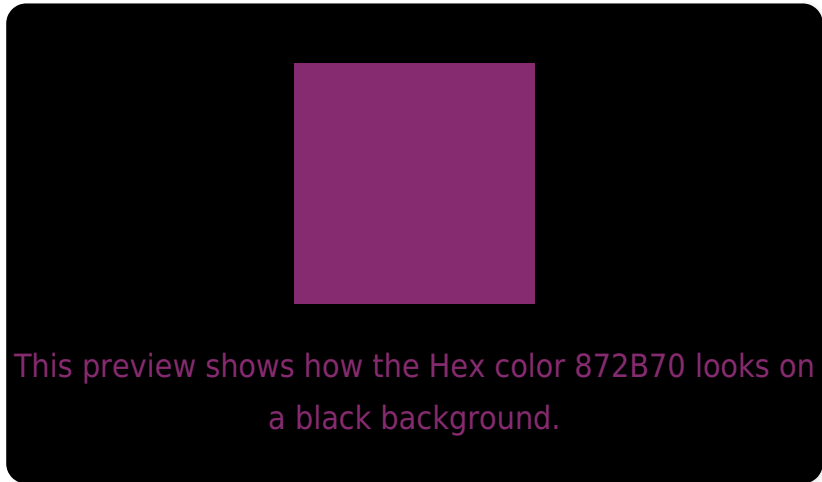
Large Text (above 18pt) WCAG AA ✓ Pass

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

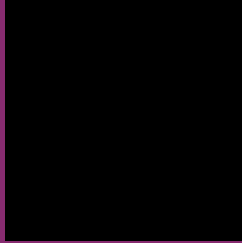
Any Text WCAG AA × Fail

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 872B70 Background



This preview shows how black text looks on a background with the Hex color 872B70.



This preview shows how white text looks on a background with the Hex color 872B70.

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
823A3D

Trichromacy



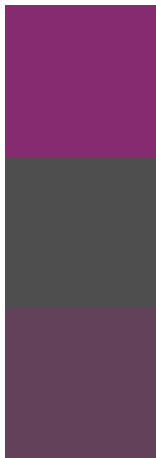
Original Color
872B70

Protanomaly
534283

Deuteranomaly
61436D

Tritanomaly
843550

Monochromacy



Original Color
872B70

Achromatopsia
4E4E4E

Achromatomaly
63415A

CSS Examples

Text

The CSS property to change the color of the text to Hex 872B70 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 #872B70 looks like.

```
.text, #text, p{  
    color:#872B70  
}
```

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 #872B70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #872B70  
}
```

Border

The CSS property to change the border of an element to Hex 872B70 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  
#872B70 }
```

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

```
.border{ border-color:#872B70 }
```

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

Here you see how a box with a 4 pixel #872B70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #872B70; -webkit-box-shadow:4px 4px  
4px 4px #872B70; box-shadow:4px 4px 4px  
4px #872B70 }
```

Background

The CSS property to change the background color of an element to Hex 872B70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#872B70 }
```

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

```
.background{ background-color:#872B70 }
```

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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