

Converting Colors

Hex(872942)

Have a look what the booklet for
Hex(872942) contains.

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Color

Hex(872942)

Conversions

Conversions Part 1

Format	Color
Hex	872942
RGB	135, 41, 66
RGB Percent	53%, 16%, 26%
CMY	0.4706, 0.8392, 0.7412
CMYK	0.00, 0.70, 0.51, 0.47
HSL	344°, 53%, 35%
HSV	344°, 70%, 53%
XYZ	11.7680, 7.1301, 5.9103
YIQ	71.9560, 47.9990, 27.7030

Conversions

Conversions Part 2

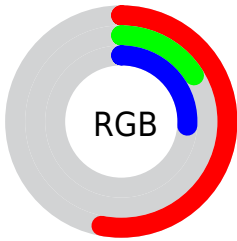
Format	Color
R_{YB}	135, 41, 66
Decimal	8857922
CIE Lab	32.10, 41.87, 7.21
CIE LCh	32, 42.488, 9.766
Yxy	7.1301, 0.4744, 0.2874
Android (android.graphics.Color)	4287048002 (0xFF872942)
YUV	71.9560, -2.9363, 55.2896
Hunter-Lab	26.7023, 31.9378, 5.5684

Details

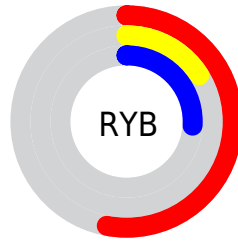
The Hex color **872942** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **29876E**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **C05D72**, and **500018** is the 20% darker color. If you saturate the color by 10%, you get **871C38**, and if you desaturate by 10%, it is **87374C**.

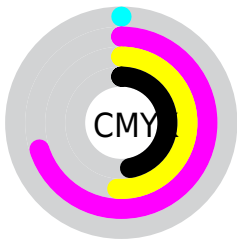
Distribution



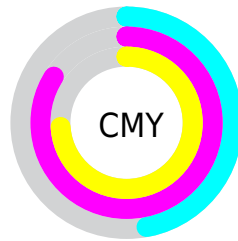
- Red (53%)
- Green (16%)
- Blue (26%)



- Red (53%)
- Yellow (16%)
- Blue (26%)



- Cyan (0%)
- Magenta (70%)
- Yellow (51%)
- Black (47%)



- Cyan (47%)
- Magenta (84%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 872942 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 872942 by changing the saturation by 10% instead.

 872942

 872942

FFFFFF

 6B0A2C

 C05D72

 500018

 DD778B

 380001

 FB92A5

 120000

 FFADC0

 000000

 FFC9DC

 FFE6F9

 872942

 872942

 871C38

 87374C

870E2E

874456

870024

875260

875F6A

876D74

877A7D

878887

879591

87A39B

Harmonies

Analogous

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



7B2E63



872942



813322

Triad

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



872942



2D5512



00558A

Complementary

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



872942



29876E

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.



005A76



872942



005933

Square

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



872942



514D00



005B56



064C8E

Rectangle

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



872942



753D0F



005B56



005785

Sweetspot

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



872942



B08B95



6E2987



594349



D9D9D9



595959

Same Dimension

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



872942



B01C43



873F29



423C3D



820023



030001

Inverse Universe

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



872942



B01C43



297187



423C3D



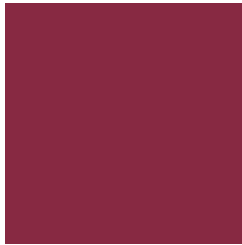
820023



030001

Previews

White Background



This preview shows how the Hex color 872942 looks on a white background.

Color Contrast Check

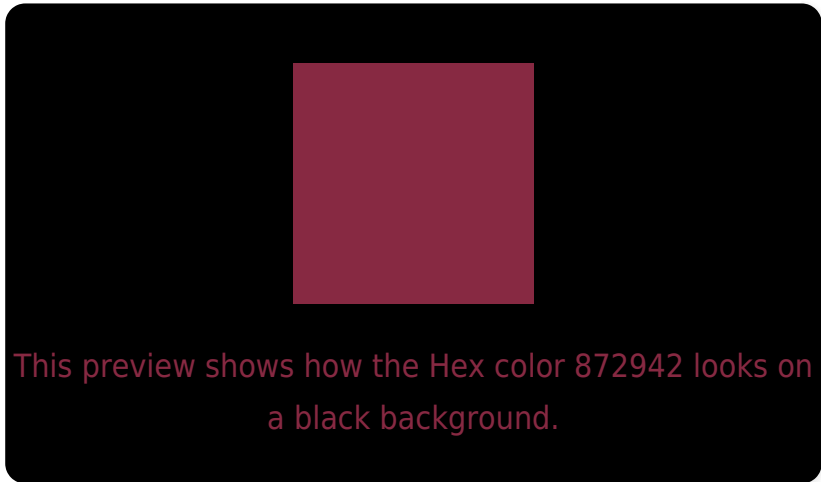
Large Text (above 18pt) WCAG AA ✓ Pass

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

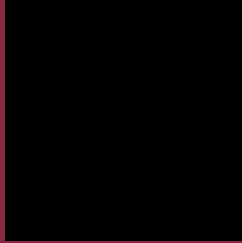
Any Text WCAG AA × Fail

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 872942 Background



This preview shows how black text looks on a background with the Hex color 872942.

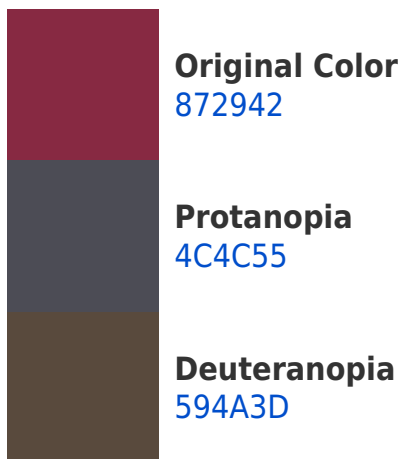


This preview shows how white text looks on a background with the Hex color 872942.

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
862D2F

Trichromacy



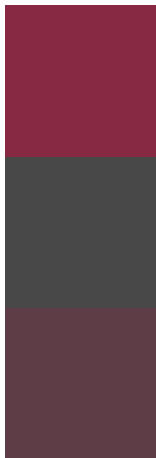
Original Color
872942

Protanomaly
613F4E

Deuteranomaly
6A3E3F

Tritanomaly
862C36

Monochromacy



Original Color
872942

Achromatopsia
484848

Achromatomaly
5F3D46

CSS Examples

Text

The CSS property to change the color of the text to Hex 872942 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 #872942 looks like.

```
.text, #text, p{  
    color:#872942  
}
```

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 #872942 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #872942
}
```

Border

The CSS property to change the border of an element to Hex 872942 is called "border". The border property can be set on classes, ids or directly on the HTML element.

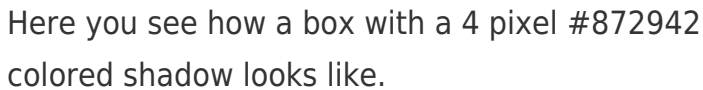
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#872942 }
```

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

```
.border{ border-color:#872942 }
```

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



Here you see how a box with a 4 pixel #872942 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #872942; -webkit-box-shadow:4px 4px  
4px 4px #872942; box-shadow:4px 4px 4px  
4px #872942 }
```

Background

The CSS property to change the background color of an element to Hex 872942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#872942 }
```

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

```
.background{ background-color:#872942 }
```

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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