

Converting Colors

Hex(872A2A)

Have a look what the booklet for
Hex(872A2A) contains.

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Color

Hex(872A2A)

Conversions

Conversions Part 1

Format	Color
Hex	872A2A
RGB	135, 42, 42
RGB Percent	53%, 16%, 16%
CMY	0.4706, 0.8353, 0.8353
CMYK	0.00, 0.69, 0.69, 0.47
HSL	0°, 53%, 35%
HSV	0°, 69%, 53%
XYZ	11.2376, 6.9740, 2.9443
YIQ	69.8070, 55.4280, 19.7160

Conversions

Conversions Part 2

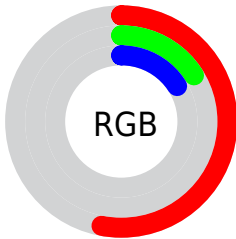
Format	Color
R_{YB}	135, 42, 42
Decimal	8858154
CIE _{Lab}	31.75, 39.59, 22.29
CIE _{LCh}	32, 45.439, 29.381
Yxy	6.9740, 0.5312, 0.3296
Android (android.graphics.Color)	4287048234 (0xFF872A2A)
YUV	69.8070, -13.7089, 57.1743
Hunter-Lab	26.4083, 29.7427, 11.8755

Details

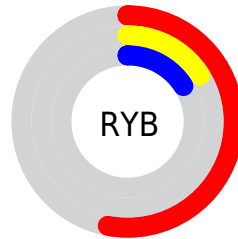
The Hex color **872A2A** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2A8787**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **C15D57**, and **4F0000** is the 20% darker color. If you saturate the color by 10%, you get **871C1C**, and if you desaturate by 10%, it is **873737**.

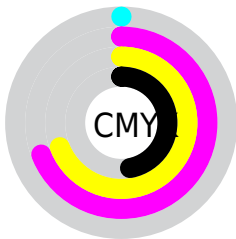
Distribution



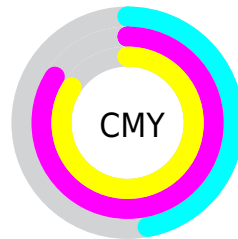
- Red (53%)
- Green (16%)
- Blue (16%)



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



- Cyan (0%)
- Magenta (69%)
- Yellow (69%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 872A2A 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 872A2A by changing the saturation by 10% instead.

 872A2A

 872A2A

FFFFFF

 6B0D15

 C15D57

 4F0000

 DF7770

 350001

 FD9289

 0A0000

 FFADA4

 000000

 FFC9BF

 FFE6DB

 FFFFF7

 872A2A

 872A2A

■ 871C1C

■ 873737

■ 870F0F

■ 874545

■ 870101

■ 875252

■ 870000

■ 876060

■ 876E6E

■ 877B7B

■ 878989

■ 879696

■ 87A3A3

Harmonies

Analogous

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



88234D



872A2A



773A08

Triad

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



872A2A



005824



004F92

Complementary

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



872A2A



2A8787

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.



005788



872A2A



005B49

Square

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



872A2A



385300



005B6D



474189

Rectangle

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



872A2A



654500



005B6D



005391

Sweetspot

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



872A2A



B08B8B



872A87



594343



D9D9D9



595959

Same Dimension

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



872A2A



B01E1E



87582A



423C3C



820000



030000

Inverse Universe

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



2A8787



1EB0B0



2A5887



3C4242



008282



000303

Previews

White Background



This preview shows how the Hex color 872A2A looks on a white background.

Color Contrast Check

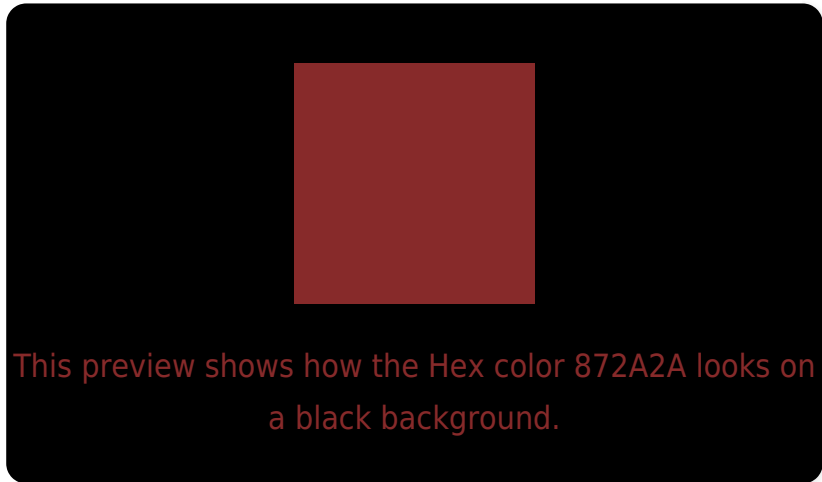
Large Text (above 18pt) WCAG AA ✓ Pass

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 872A2A Background



This preview shows how black text looks on a background with the Hex color 872A2A.

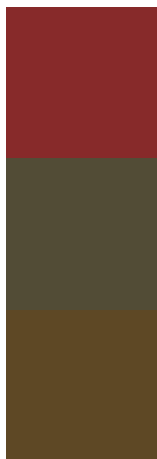


This preview shows how white text looks on a background with the Hex color 872A2A.

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
872A2A

Protanopia
524C36

Deuteranopia
5E4825

Trichromacy



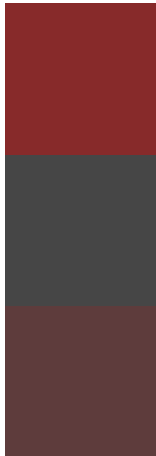
Original Color
872A2A

Protanomaly
654032

Deuteranomaly
6D3D27

Tritanomaly
872A2B

Monochromacy



Original Color
872A2A

Achromatopsia
464646

Achromatomaly
5E3C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 872A2A 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 #872A2A looks like.

```
.text, #text, p{  
    color:#872A2A  
}
```

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 #872A2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #872A2A
}
```

Border

The CSS property to change the border of an element to Hex 872A2A 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
#872A2A }
```

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

```
.border{ border-color:#872A2A }
```

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

Here you see how a box with a 4 pixel #872A2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #872A2A; -webkit-box-shadow:4px 4px  
4px 4px #872A2A; box-shadow:4px 4px 4px  
4px #872A2A }
```

Background

The CSS property to change the background color of an element to Hex 872A2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#872A2A }
```

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

```
.background{ background-color:#872A2A }
```

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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