

Converting Colors

Hex(872A18)

Have a look what the booklet for
Hex(872A18) contains.

Hex(872A18)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(872A18)

Conversions

Conversions Part 1

Format	Color
Hex	872A18
RGB	135, 42, 24
RGB Percent	53%, 16%, 9%
CMY	0.4706, 0.8353, 0.9059
CMYK	0.00, 0.69, 0.82, 0.47
HSL	10°, 70%, 31%
HSV	10°, 82%, 53%
XYZ	10.9845, 6.8728, 1.6118
YIQ	67.7550, 61.2060, 14.1180

Conversions

Conversions Part 2

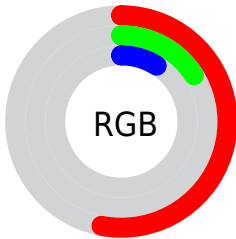
Format	Color
R_{YB}	135, 45, 24
Decimal	8858136
CIE Lab	31.52, 38.74, 32.82
CIE LCh	32, 50.770, 40.268
Yxy	6.8728, 0.5642, 0.3530
Android (android.graphics.Color)	4287048216 (0xFF872A18)
YUV	67.7550, -21.5712, 58.9739
Hunter-Lab	26.2160, 28.9136, 14.7060

Details

The Hex color **872A18** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **187587**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **C25D45**, and **4E0000** is the 20% darker color. If you saturate the color by 10%, you get **871F0B**, and if you desaturate by 10%, it is **873526**.

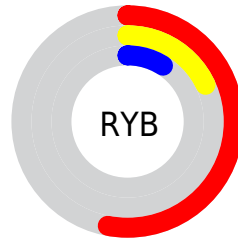
Distribution



Red (53%)

Green (16%)

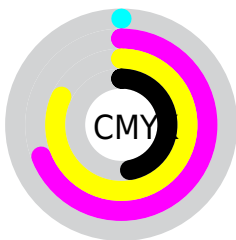
Blue (9%)



Red (53%)

Yellow (18%)

Blue (9%)

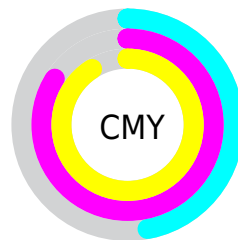


Cyan (0%)

Magenta (69%)

Yellow (82%)

Black (47%)



Cyan (47%)

Magenta (84%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 872A18 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 872A18 by changing the saturation by 10% instead.

 872A18

 872A18

FFFFFFE

 6A0E00

 C25D45

 4E0000

 E0775D

 340001

 FF9176

 060000

 FFAD8F

 000000

 FFC8AA

 FFE5C5

 FFFFE1

 872A18

 872A18

■ 871F0B

■ 873526

■ 871600

■ 874133

■ 874C41

■ 87574E

■ 87635C

■ 876E69

■ 877977

■ 878484

■ 879092

Harmonies

Analogous

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



8F183E



872A18



703E00

Triad

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



872A18



005A2D



004B99

Complementary

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



872A18



187587

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.



005695



872A18



005C57

Square

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



872A18



205500



005B7D



5B3888

Rectangle

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



872A18



5B4900



005B7D



004F9B

Sweetspot

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



872A18



B08B84



871876



59433E



D9D9D9



595959

Same Dimension

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



872A18



B01E02



876018



423D3C



821500



030000

Inverse Universe

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



187587



0294B0



183F87



3C4142



006D82



000203

Previews

White Background



This preview shows how the Hex color 872A18 looks on a white background.

Color Contrast Check

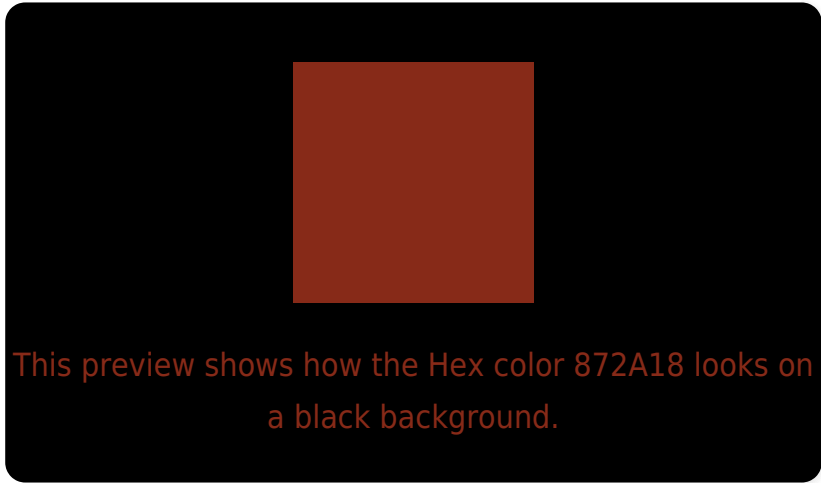
Large Text (above 18pt) WCAG AA ✓ Pass

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 872A18 Background



This preview shows how black text looks on a background with the Hex color 872A18.



This preview shows how white text looks on a background with the Hex color 872A18.

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
872A18

Protanopia
544C21

Deuteranopia
5F480E



Tritanopia
88282A

Trichromacy



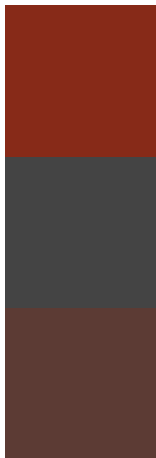
Original Color
872A18

Protanomaly
67401E

Deuteranomaly
6E3D12

Tritanomaly
882923

Monochromacy



Original Color
872A18

Achromatopsia
444444

Achromatomaly
5C3B34

CSS Examples

Text

The CSS property to change the color of the text to Hex 872A18 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 #872A18 looks like.

```
.text, #text, p{  
    color:#872A18  
}
```

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 #872A18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #872A18
}
```

Border

The CSS property to change the border of an element to Hex 872A18 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
#872A18 }
```

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

```
.border{ border-color:#872A18 }
```

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

Here you see how a box with a 4 pixel #872A18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #872A18; -webkit-box-shadow:4px 4px  
4px 4px #872A18; box-shadow:4px 4px 4px  
4px #872A18 }
```

Background

The CSS property to change the background color of an element to Hex 872A18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#872A18 }
```

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

```
.background{ background-color:#872A18 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor