

Converting Colors

Hex(872A12)

Have a look what the booklet for
Hex(872A12) contains.

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Color

Hex(872A12)

Conversions

Conversions Part 1

Format	Color
Hex	872A12
RGB	135, 42, 18
RGB Percent	53%, 16%, 7%
CMY	0.4706, 0.8353, 0.9294
CMYK	0.00, 0.69, 0.87, 0.47
HSL	12°, 76%, 30%
HSV	12°, 87%, 53%
XYZ	10.9288, 6.8505, 1.3185
YIQ	67.0710, 63.1320, 12.2520

Conversions

Conversions Part 2

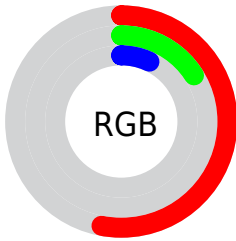
Format	Color
R _Y B	135, 48, 18
Decimal	8858130
CIE Lab	31.46, 38.55, 35.91
CIE LCh	31, 52.681, 42.968
Yxy	6.8505, 0.5723, 0.3587
Android (android.graphics.Color)	4287048210 (0xFF872A12)
YUV	67.0710, -24.1920, 59.5737
Hunter-Lab	26.1735, 28.7298, 15.3346

Details

The Hex color **872A12** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **126F87**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **C25D3F**, and **4D0000** is the 20% darker color. If you saturate the color by 10%, you get **871F04**, and if you desaturate by 10%, it is **87351F**.

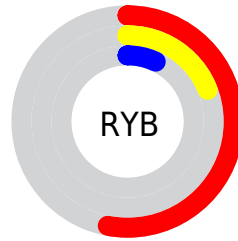
Distribution



Red (53%)

Green (16%)

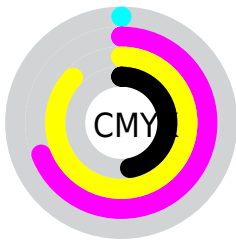
Blue (7%)



Red (53%)

Yellow (19%)

Blue (7%)

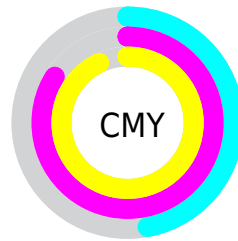


Cyan (0%)

Magenta (69%)

Yellow (87%)

Black (47%)



Cyan (47%)

Magenta (84%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 872A12 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 872A12 by changing the saturation by 10% instead.

 872A12

 872A12

 FFFFF8

 6A0E00

 C25D3F

 4D0000

 E17757

 340001

 FF9170

 050000

 FFAC89

 000000

 FFC8A4

 FFE5BF

 FFFFDB

 872A12

 872A12

■ 871F04

■ 87351F

■ 871C00

■ 873F2D

■ 874A3A

■ 875548

■ 876056

■ 876A63

■ 877571

■ 87807E

■ 878B8B

Harmonies

Analogous

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



91143A



872A12



6E3F00

Triad

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



872A12



005A30



00499B

Complementary

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



872A12



126F87

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.



00559A



872A12



005C5B

Square

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



872A12



155600



005B82



613587

Rectangle

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



872A12



584A00



005B82



004E9D

Sweetspot

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



872A12



B08C82



871270



59433E



D9D9D9



595959

Same Dimension

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



872A12



B02400



876412



423D3C



821B00



030100

Inverse Universe

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



126F87



008CB0



123587



3C4142



006782



000203

Previews

White Background



This preview shows how the Hex color 872A12 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

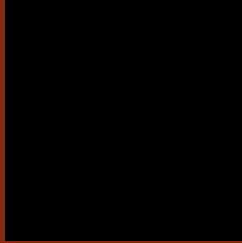
Any Text WCAG AA × Fail

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 872A12 Background



This preview shows how black text looks on a background with the Hex color 872A12.



This preview shows how white text looks on a background with the Hex color 872A12.

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
872A12

Protanopia
544B1A

Deuteranopia
5F4700



Tritanopia
882829

Trichromacy



Original Color
872A12

Protanomaly
673F17

Deuteranomaly
6E3C07

Tritanomaly
882921

Monochromacy



Original Color
872A12

Achromatopsia
434343

Achromatomaly
5C3A31

CSS Examples

Text

The CSS property to change the color of the text to Hex 872A12 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 #872A12 looks like.

```
.text, #text, p{  
    color:#872A12  
}
```

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 #872A12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #872A12
}
```

Border

The CSS property to change the border of an element to Hex 872A12 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".

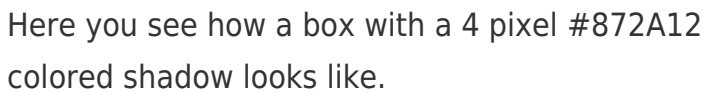
```
.border, #border, table{ border:4px solid
#872A12 }
```

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

```
.border{ border-color:#872A12 }
```

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

Here you see how a box with a 4 pixel #872A12 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #872A12 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #872A12; -webkit-box-shadow:4px 4px  
4px 4px #872A12; box-shadow:4px 4px 4px  
4px #872A12 }
```

Background

The CSS property to change the background color of an element to Hex 872A12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#872A12 }
```

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

```
.background{ background-color:#872A12 }
```

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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