

Converting Colors

Hex(872E00)

Have a look what the booklet for
Hex(872E00) contains.

Hex(872E00)	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(872E00)

Conversions

Conversions Part 1

Format	Color
Hex	872E00
RGB	135, 46, 0
RGB Percent	53%, 18%, 0%
CMY	0.4706, 0.8196, 1.0000
CMYK	0.00, 0.66, 1.00, 0.47
HSL	20°, 100%, 26%
HSV	20°, 100%, 53%
XYZ	10.9687, 7.1049, 0.7933
YIQ	67.3670, 67.8100, 4.5620

Conversions

Conversions Part 2

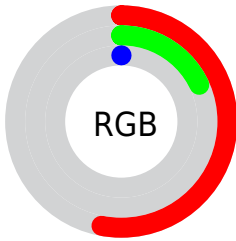
Format	Color
RYB	135, 70, 0
Decimal	8859136
CIELab	32.04, 36.34, 43.90
CIELCh	32, 56.993, 50.382
Yxy	7.1049, 0.5814, 0.3766
Android (android.graphics.Color)	4287049216 (0xFF872E00)
YUV	67.3670, -33.2119, 59.3141
Hunter-Lab	26.6550, 26.8074, 16.8940

Details

The Hex color **872E00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **005987**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **C36031**, and **4D0000** is the 20% darker color. If you saturate the color by 10%, you get **872E00**, and if you desaturate by 10%, it is **87370D**.

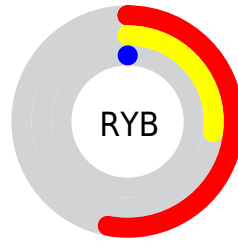
Distribution



Red (53%)

Green (18%)

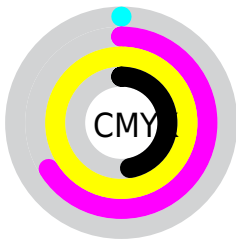
Blue (0%)



Red (53%)

Yellow (27%)

Blue (0%)

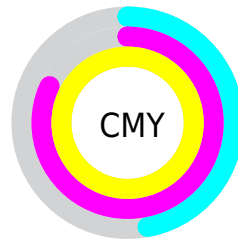


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 872E00 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 872E00 by changing the saturation by 10% instead.

 872E00

 872E00

 FFFFE9

 6A1400

 C36031

 4D0000

 E27A49

 330001

 FF9462

 050000

 FFB07B

 000000

 FFCE96

 FFE8B1

 FFFFCD

 872E00

 87370D

 87401B

 874929

 875236

 875A44

 876351

 876C5E

 87756C

 877E7A

Harmonies

Analogous

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



970E2F



872E00



694400

Triad

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



872E00



005D3B



1446A1

Complementary

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



872E00



005987

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.



0055A5



872E00



005E6A

Square

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



872E00



005A06



005C90



712D85

Rectangle

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



872E00



4F4E00



005C90



004CA5

Sweetspot

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



872E00



B08D7B



87005A



594439



D9D9D9



595959

Same Dimension

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



872E00



B03C00



877100



423E3C



822C00



030100

Inverse Universe

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



005987



0074B0



001787



3C4042



005682



000203

Previews

White Background



This preview shows how the Hex color 872E00 looks on a white background.

Color Contrast Check

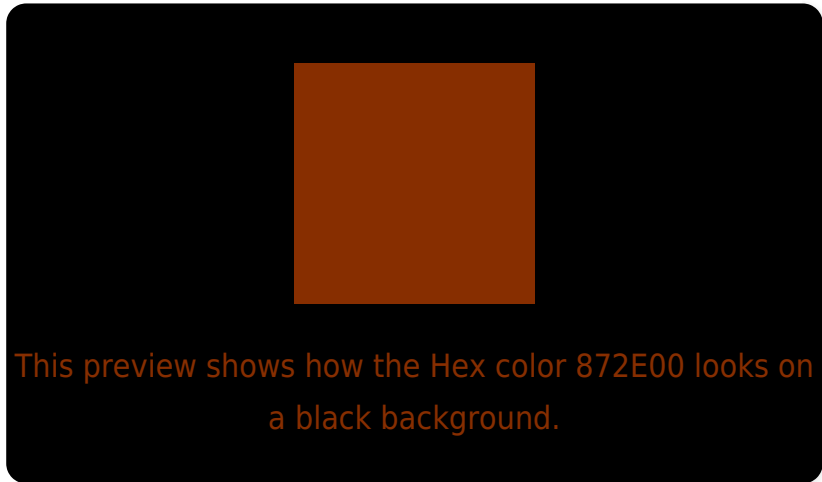
Large Text (above 18pt) WCAG AA ✓ Pass

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 872E00 Background



This preview shows how black text looks on a background with the Hex color 872E00.



This preview shows how white text looks on a background with the Hex color 872E00.

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
872E00

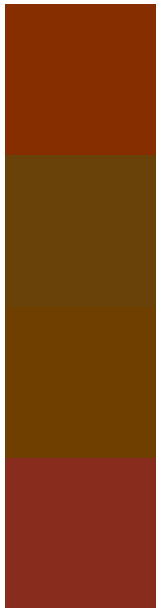
Protanopia
564D0E

Deuteranopia
614900



Tritanopia
882B2D

Trichromacy



Original Color
872E00

Protanomaly
684209

Deuteranomaly
6F3F00

Tritanomaly
882C1D

Monochromacy



Original Color
872E00

Achromatopsia
434343

Achromatomaly
5C3B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 872E00 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 #872E00 looks like.

```
.text, #text, p{  
    color:#872E00  
}
```

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 #872E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #872E00
}
```

Border

The CSS property to change the border of an element to Hex 872E00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

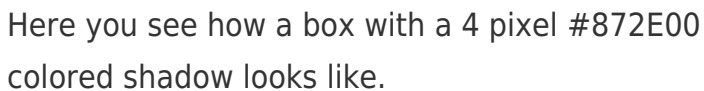
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#872E00 }
```

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

```
.border{ border-color:#872E00 }
```

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



Here you see how a box with a 4 pixel #872E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #872E00; -webkit-box-shadow:4px 4px  
4px 4px #872E00; box-shadow:4px 4px 4px  
4px #872E00 }
```

Background

The CSS property to change the background color of an element to Hex 872E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#872E00 }
```

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

```
.background{ background-color:#872E00 }
```

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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