

Converting Colors

Hex(870000)

Have a look what the booklet for
Hex(870000) contains.

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Color

Hex(870000)

Conversions

Conversions Part 1

Format	Color
Hex	870000
RGB	135, 0, 0
RGB Percent	53%, 0%, 0%
CMY	0.4706, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.47
HSL	0°, 100%, 26%
HSV	0°, 100%, 53%
XYZ	9.9917, 5.1509, 0.4676
YIQ	40.3650, 80.4600, 28.6200

Conversions

Conversions Part 2

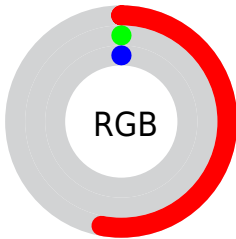
Format	Color
RYB	135, 0, 0
Decimal	8847360
CIELab	27.16, 49.94, 40.14
CIElCh	27, 64.073, 38.791
Yxy	5.1509, 0.6401, 0.3300
Android (android.graphics.Color)	4287037440 (0xFF870000)
YUV	40.3650, -19.8999, 82.9949
Hunter-Lab	22.6956, 38.8669, 14.6653

Details

The Hex color **870000** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **008787**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **C4442F**, and **4B0000** is the 20% darker color. If you saturate the color by 10%, you get **870000**, and if you desaturate by 10%, it is **870D0D**.

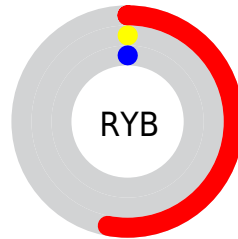
Distribution



Red (53%)

Green (0%)

Blue (0%)



Red (53%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 870000 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 870000 by changing the saturation by 10% instead.

 870000

 870000

 FFFFE4

 690000

 C4442F

 4B0000

 E45F46

 300002

 FF7A5E

 000000

 FF9677

 FFB291

 FFCEAC

 FFEBC7

 870000

■ 870D0D

■ 871B1B

■ 872929

■ 873636

■ 874444

■ 875151

■ 875E5E

■ 876C6C

■ 877A7A

Harmonies

Analogous

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



910034



870000



6B3000

Triad

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



870000



005119



0043A3

Complementary

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



870000



008787

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.



004F9D



870000



00534E

Square

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



870000



004D00



00537D



4E298E

Rectangle

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



870000



513E00



00537D



0048A5

Sweetspot

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



870000



B07B7B



870087



593939



D9D9D9



595959

Same Dimension

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



870000



B00000



874400



423C3C



820000



030000

Inverse Universe

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



008787



00B0B0



004487



3C4242



008282



000303

Previews

White Background



This preview shows how the Hex color 870000 looks on a white background.

Color Contrast Check

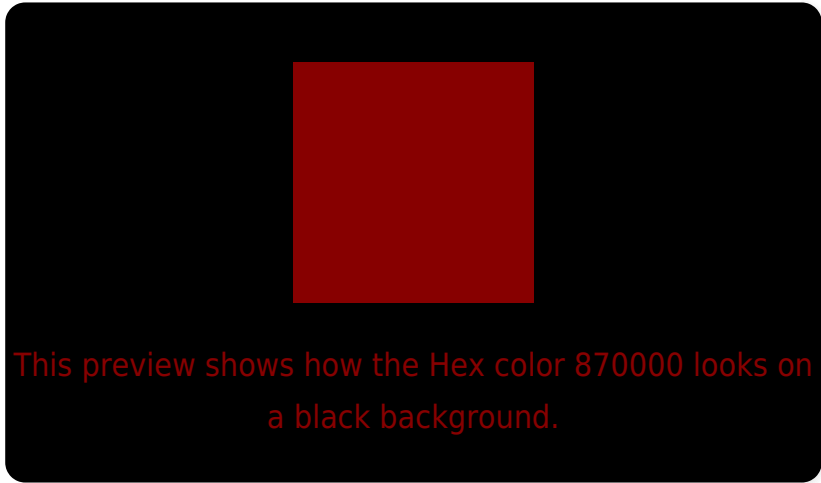
Large Text (above 18pt) WCAG AA ✓ Pass

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 870000 Background



This preview shows how black text looks on a background with the Hex color 870000.

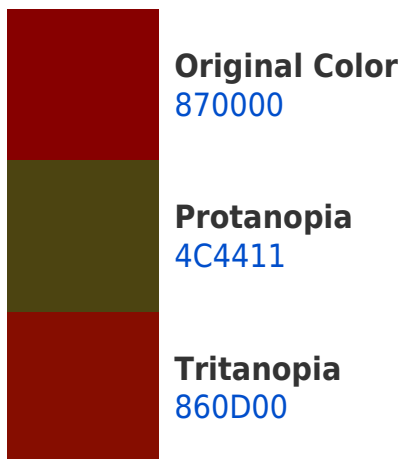


This preview shows how white text looks on a background with the Hex color 870000.

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



Trichromacy



Original Color
870000

Protanomaly
612B0B

Tritanomaly
860800

Monochromacy



Original Color
870000

Achromatopsia
282828

Achromatomaly
4B1919

CSS Examples

Text

The CSS property to change the color of the text to Hex 870000 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 #870000 looks like.

```
.text, #text, p{  
    color:#870000  
}
```

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 #870000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #870000
}
```

Border

The CSS property to change the border of an element to Hex 870000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

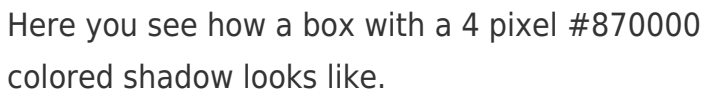
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#870000 }
```

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

```
.border{ border-color:#870000 }
```

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



Here you see how a box with a 4 pixel #870000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #870000; -webkit-box-shadow:4px 4px  
4px 4px #870000; box-shadow:4px 4px 4px  
4px #870000 }
```

Background

The CSS property to change the background color of an element to Hex 870000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#870000 }
```

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

```
.background{ background-color:#870000 }
```

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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