

Converting Colors

Hex(870C09)

Have a look what the booklet for
Hex(870C09) contains.

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Color

Hex(870C09)

Conversions

Conversions Part 1

Format	Color
Hex	870C09
RGB	135, 12, 9
RGB Percent	53%, 5%, 4%
CMY	0.4706, 0.9529, 0.9647
CMYK	0.00, 0.91, 0.93, 0.47
HSL	1°, 88%, 28%
HSV	1°, 93%, 53%
XYZ	10.1725, 5.4336, 0.7711
YIQ	48.4350, 74.2710, 25.1430

Conversions

Conversions Part 2

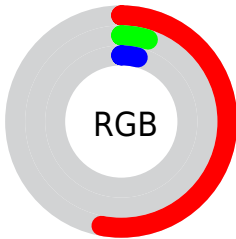
Format	Color
R_{YB}	135, 12, 9
Decimal	8850441
CIE _{Lab}	27.94, 48.01, 37.14
CIE _{LCh}	28, 60.699, 37.721
Yxy	5.4336, 0.6211, 0.3318
Android (android.graphics.Color)	4287040521 (0xFF870C09)
YUV	48.4350, -19.4415, 75.9175
Hunter-Lab	23.3100, 37.1046, 14.3557

Details

The Hex color **870C09** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **098487**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **C44936**, and **4C0000** is the 20% darker color. If you saturate the color by 10%, you get **870300**, and if you desaturate by 10%, it is **871917**.

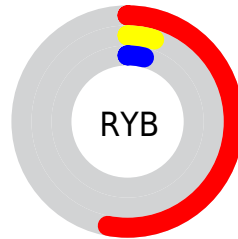
Distribution



Red (53%)

Green (5%)

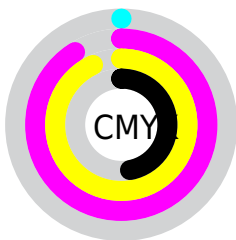
Blue (4%)



Red (53%)

Yellow (5%)

Blue (4%)

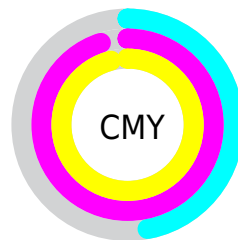


Cyan (0%)

Magenta (91%)

Yellow (93%)

Black (47%)



Cyan (47%)

Magenta (95%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 870C09 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 870C09 by changing the saturation by 10% instead.

 870C09

 870C09

 FFFFEC

 690000

 C44936

 4C0000

 E3644D

 310002

 FF7F65

 000000

 FF9A7F

 FFB699

 FFD2B4

 FFEFCF

 870C09

 870C09

■ 870300

■ 871917

■ 872624

■ 873432

■ 87413F

■ 874E4D

■ 875B5A

■ 876868

■ 877575

■ 878383

Harmonies

Analogous

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



900038



870C09



6D3200

Triad

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



870C09



00521B



0045A0

Complementary

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



870C09



098487

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.



00509A



870C09



00544D

Square

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



870C09



0B4E00



00547B



4D2E8D

Rectangle

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



870C09



553F00



00547B



004AA1

Sweetspot

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



870C09



B0807F



870985



593C3B



D9D9D9



595959

Same Dimension

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



870C09



B00400



874A09



423C3C



820300



030000

Inverse Universe

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



098487



00ACB0



094687



3C4242



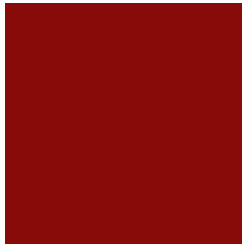
007F82



000203

Previews

White Background



This preview shows how the Hex color 870C09 looks on a white background.

Color Contrast Check

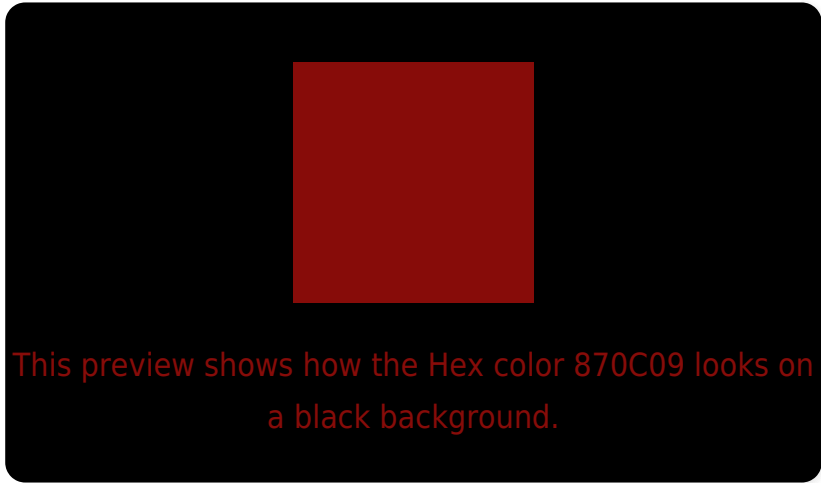
Large Text (above 18pt) WCAG AA ✓ Pass

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 870C09 Background



This preview shows how black text looks on a background with the Hex color 870C09.



This preview shows how white text looks on a background with the Hex color 870C09.

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
870C09

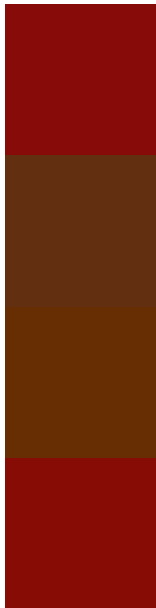
Protanopia
4D4515

Deuteranopia
564100



Tritanopia
870C04

Trichromacy



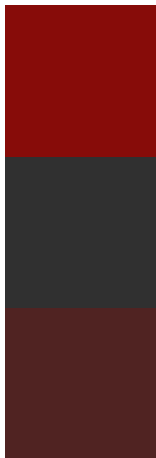
Original Color
870C09

Protanomaly
623011

Deuteranomaly
682E03

Tritanomaly
870C06

Monochromacy



Original Color
870C09

Achromatopsia
303030

Achromatomaly
502322

CSS Examples

Text

The CSS property to change the color of the text to Hex 870C09 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 #870C09 looks like.

```
.text, #text, p{  
    color:#870C09  
}
```

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 #870C09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #870C09
}
```

Border

The CSS property to change the border of an element to Hex 870C09 is called "border". The border property can be set on classes, ids or directly on the HTML element.

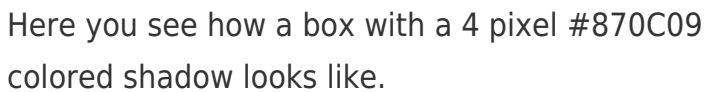
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#870C09 }
```

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

```
.border{ border-color:#870C09 }
```

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



Here you see how a box with a 4 pixel #870C09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #870C09; -webkit-box-shadow:4px 4px  
4px 4px #870C09; box-shadow:4px 4px 4px  
4px #870C09 }
```

Background

The CSS property to change the background color of an element to Hex 870C09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#870C09 }
```

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

```
.background{ background-color:#870C09 }
```

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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