

Converting Colors

Hex(871C07)

Have a look what the booklet for
Hex(871C07) contains.

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Color

Hex(871C07)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 871C07 |
| RGB | 135, 28, 7 |
| RGB Percent | 53%, 11%, 3% |
| CMY | 0.4706, 0.8902, 0.9725 |
| CMYK | 0.00, 0.79, 0.95, 0.47 |
| HSL | 10°, 90%, 28% |
| HSV | 10°, 95%, 53% |
| XYZ | 10.4453, 5.9967, 0.8080 |
| YIQ | 57.5990, 70.5130, 16.1530 |

Conversions

Conversions Part 2

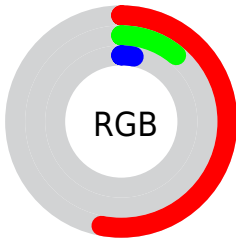
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 135, 32, 7 |
| Decimal | 8854535 |
| CIELab | 29.40, 43.79, 39.14 |
| CIElCh | 29, 58.731, 41.793 |
| Yxy | 5.9967, 0.6055, 0.3476 |
| Android (android.graphics.Color) | 4287044615 (0xFF871C07) |
| YUV | 57.5990, -24.9453, 67.8807 |
| Hunter-Lab | 24.4883, 33.2834, 15.1855 |

Details

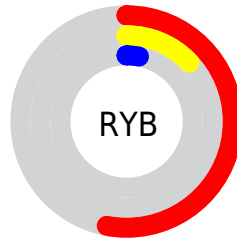
The Hex color **871C07** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **077287**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **C35235**, and **4C0000** is the 20% darker color. If you saturate the color by 10%, you get **871600**, and if you desaturate by 10%, it is **872715**.

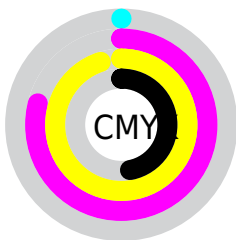
Distribution



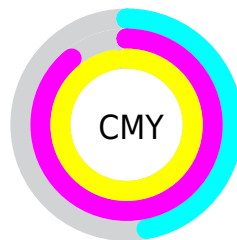
- Red (53%)
- Green (11%)
- Blue (3%)



- Red (53%)
- Yellow (13%)
- Blue (3%)



- Cyan (0%)
- Magenta (79%)
- Yellow (95%)
- Black (47%)



- Cyan (47%)
- Magenta (89%)
- Yellow (97%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 871C07 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 871C07 by changing the saturation by 10% instead.

 871C07

 871C07

 FFFFEC

 6A0000

 C35235

 4C0000

 E26C4C

 330002

 FF8765

 000000

 FFA27E

 FFBE99

 FFDAB4

 FFF7CF

 871C07

 871C07

■ 871600

■ 872715

■ 873322

■ 873E30

■ 87493D

■ 87544B

■ 876058

■ 876B66

■ 877673

■ 878281

Harmonies

Analogous

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



920036



871C07



6C3800

Triad

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



871C07



005627



0046A0

Complementary

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



871C07



077287

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.



00529D



871C07



005857

Square

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



871C07



005200



005782



5B2E8A

Rectangle

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



871C07



534500



005782



004BA2

Sweetspot

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



871C07



B0877F



870774



59403B



D9D9D9



595959

Same Dimension

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



871C07



B01D00



875A07



423D3C



821500



030000

Inverse Universe

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



077287



0093B0



073487



3C4142



006D82



000203

Previews

White Background



This preview shows how the Hex color 871C07 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 871C07 Background



This preview shows how black text looks on a background with the Hex color 871C07.



This preview shows how white text looks on a background with the Hex color 871C07.

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
871C07

Protanopia
504712

Deuteranopia
5A4400



Tritanopia
871A1A

Trichromacy



Original Color
871C07

Protanomaly
64370E

Deuteranomaly
6A3503

Tritanomaly
871B13

Monochromacy



Original Color
871C07

Achromatopsia
3A3A3A

Achromatomaly
562F27

CSS Examples

Text

The CSS property to change the color of the text to Hex 871C07 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 #871C07 looks like.

```
.text, #text, p{  
    color:#871C07  
}
```

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 #871C07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #871C07
}
```

Border

The CSS property to change the border of an element to Hex 871C07 is called "border". The border property can be set on classes, ids or directly on the HTML element.

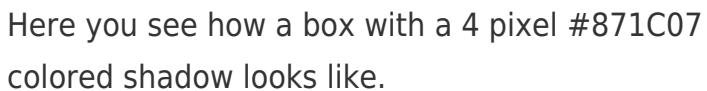
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#871C07 }
```

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

```
.border{ border-color:#871C07 }
```

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



Here you see how a box with a 4 pixel #871C07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #871C07; -webkit-box-shadow:4px 4px  
4px 4px #871C07; box-shadow:4px 4px 4px  
4px #871C07 }
```

Background

The CSS property to change the background color of an element to Hex 871C07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#871C07 }
```

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

```
.background{ background-color:#871C07 }
```

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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