

Converting Colors

Hex(840C24)

Have a look what the booklet for
Hex(840C24) contains.

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Color

Hex(840C24)

Conversions

Conversions Part 1

Format	Color
Hex	840C24
RGB	132, 12, 36
RGB Percent	52%, 5%, 14%
CMY	0.4824, 0.9529, 0.8588
CMYK	0.00, 0.91, 0.73, 0.48
HSL	348°, 83%, 28%
HSV	348°, 91%, 52%
XYZ	9.9656, 5.2959, 2.1660
YIQ	50.6160, 63.8160, 32.9040

Conversions

Conversions Part 2

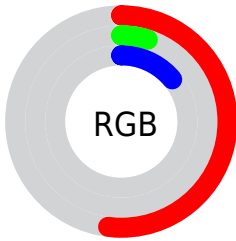
Format	Color
R_{YB}	132, 12, 36
Decimal	8653860
CIE Lab	27.56, 48.01, 20.91
CIE LCh	28, 52.365, 23.541
Yxy	5.2959, 0.5718, 0.3039
Android (android.graphics.Color)	4286843940 (0xFF840C24)
YUV	50.6160, -7.2057, 71.3738
Hunter-Lab	23.0127, 37.0269, 10.5284

Details

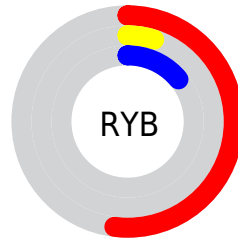
The Hex color **840C24** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0C846C**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **BF4950**, and **4B0000** is the 20% darker color. If you saturate the color by 10%, you get **84001A**, and if you desaturate by 10%, it is **84192F**.

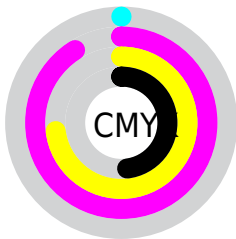
Distribution



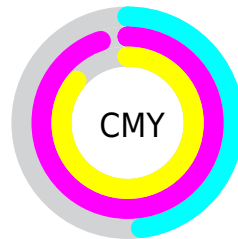
- Red (52%)
- Green (5%)
- Blue (14%)



- Red (52%)
- Yellow (5%)
- Blue (14%)



- Cyan (0%)
- Magenta (91%)
- Yellow (73%)
- Black (48%)



- Cyan (48%)
- Magenta (95%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 840C24 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 840C24 by changing the saturation by 10% instead.

 840C24

 840C24

FFFFFF

 670010

 BF4950

 4B0000

 DD6468

 300002

 FC7F81

 000000

 FF9A9B

 FFB6B6

 FFD2D2

 FFEFEE

 840C24

 840C24

■ 84001A

■ 84192F

■ 842639

■ 843444

■ 84414E

■ 844E59

■ 845B63

■ 84686E

■ 847678

■ 848383

Harmonies

Analogous

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



82024C



840C24



742900

Triad

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



840C24



004E09



004992

Complementary

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



840C24



0C846C

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.



005082



840C24



005137

Square

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



840C24



334800



005260



223A8C

Rectangle

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



840C24



633700



005260



004C8F

Sweetspot

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



840C24



AB7D86



6C0C84



573B41



D6D6D6



575757

Same Dimension

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



840C24



AB0022



84300C



423C3D



82001A



030001

Inverse Universe

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



840C24



AB0022



0C6084



423C3D



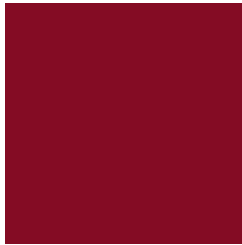
82001A



030001

Previews

White Background



This preview shows how the Hex color 840C24 looks on a white background.

Color Contrast Check

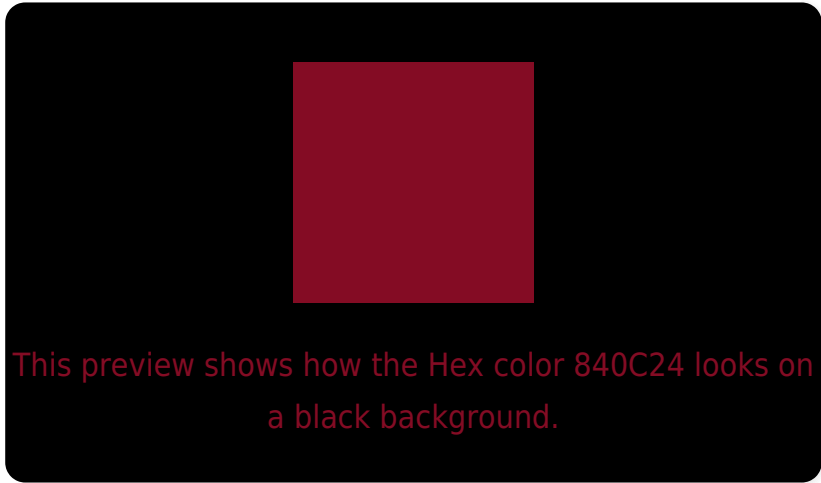
Large Text (above 18pt) WCAG AA ✓ Pass

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 840C24 Background



This preview shows how black text looks on a background with the Hex color 840C24.



This preview shows how white text looks on a background with the Hex color 840C24.

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
840C24

Protanopia
484435

Deuteranopia
54401D



Tritanopia
841210

Trichromacy



Original Color
840C24

Protanomaly
5E302F

Deuteranomaly
652D20

Tritanomaly
841017

Monochromacy



Original Color
840C24

Achromatopsia
333333

Achromatomaly
50252E

CSS Examples

Text

The CSS property to change the color of the text to Hex 840C24 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 #840C24 looks like.

```
.text, #text, p{  
    color:#840C24  
}
```

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 #840C24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #840C24
}
```

Border

The CSS property to change the border of an element to Hex 840C24 is called "border". The border property can be set on classes, ids or directly on the HTML element.

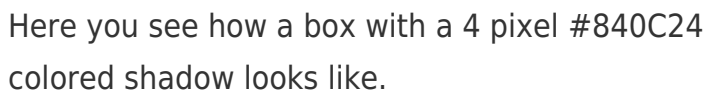
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#840C24 }
```

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

```
.border{ border-color:#840C24 }
```

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



Here you see how a box with a 4 pixel #840C24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #840C24; -webkit-box-shadow:4px 4px  
4px 4px #840C24; box-shadow:4px 4px 4px  
4px #840C24 }
```

Background

The CSS property to change the background color of an element to Hex 840C24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#840C24 }
```

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

```
.background{ background-color:#840C24 }
```

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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