

# Converting Colors

Hex(840811)

Have a look what the booklet for  
Hex(840811) contains.

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**Color**

**Hex(840811)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	840811
RGB	132, 8, 17
RGB Percent	52%, 3%, 7%
CMY	0.4824, 0.9686, 0.9333
CMYK	0.00, 0.94, 0.87, 0.48
HSL	356°, 89%, 27%
HSV	356°, 94%, 52%
XYZ	9.7037, 5.1197, 1.0071
YIQ	46.1020, 71.0150, 29.0870

# Conversions

## Conversions Part 2

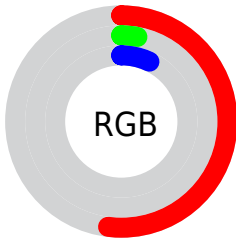
Format	Color
<a href="#">RYB</a>	<a href="#">132, 8, 17</a>
Decimal	<a href="#">8652817</a>
CIELab	<a href="#">27.07, 48.03, 32.28</a>
CIELCh	<a href="#">27, 57.869, 33.907</a>
Yxy	<a href="#">5.1197, 0.6130, 0.3234</a>
Android (android.graphics.Color)	<a href="#">4286842897 (0xFF840811)</a>
YUV	<a href="#">46.1020, -14.3473, 75.3325</a>
Hunter-Lab	<a href="#">22.6267, 36.9552, 13.1998</a>

# Details

The Hex color **840811** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **08847B**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **C0473C**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **84000A**, and if you desaturate by 10%, it is **84151D**.

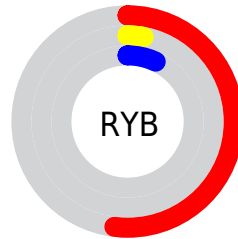
# Distribution



Red (52%)

Green (3%)

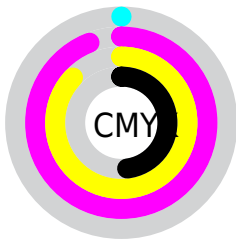
Blue (7%)



Red (52%)

Yellow (3%)

Blue (7%)

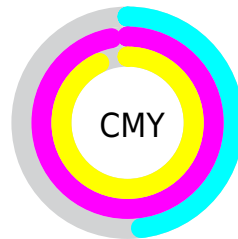


Cyan (0%)

Magenta (94%)

Yellow (87%)

Black (48%)



Cyan (48%)

Magenta (97%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 840811 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 840811 by changing the saturation by 10% instead.



 840811

 840811

 FFFFF3

 670000

 C0473C

 490000

 DF6254

 2F0002

 FE7C6C

 000000

 FF9885

 FFB4A0

 FFD0BB

 FFEDD7

 840811

 840811

■ 84000A

■ 84151D

■ 842229

■ 843036

■ 843D42

■ 844A4E

■ 84575A

■ 846467

■ 847273

■ 847F7F

# Harmonies

## Analogous

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



8A003C



840811



6D2D00

# Triad

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



840811



004F15



00459A

# Complementary

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



840811



08847B

# 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.



004E90



840811



005145

# Square

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



840811



1A4B00



005271



41308B

# Rectangle

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



840811



573B00



005271



00499A



# Sweetspot

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



840811



AB7B7E



7A0884



57393B



D6D6D6



575757



# Same Dimension

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



840811



AB000C



843C08



423C3C



820009



030000



# Inverse Universe

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



840811



AB000C



085084



423C3C



820009

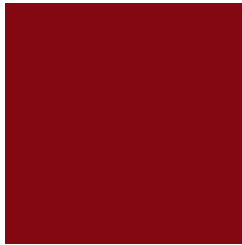


030000



# Previews

## White Background



This preview shows how the Hex color 840811 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 840811 Background



This preview shows how black text looks on a background with the Hex color 840811.



This preview shows how white text looks on a background with the Hex color 840811.

# 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**  
840811

**Protanopia**  
4A431D

**Deuteranopia**  
543F00



**Tritanopia**  
840C00

# Trichromacy



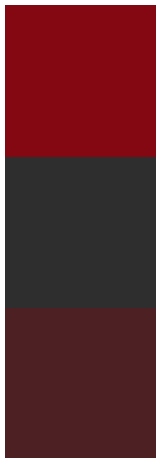
**Original Color**  
840811

**Protanomaly**  
5F2E19

**Deuteranomaly**  
652B06

**Tritanomaly**  
840B06

# Monochromacy



**Original Color**  
840811

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
4D2023

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 840811 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 #840811 looks like.

```
.text, #text, p{  
    color:#840811  
}
```

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 #840811 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #840811
}
```

## Border

The CSS property to change the border of an element to Hex 840811 is called "border". The border property can be set on classes, ids or directly on the HTML element.

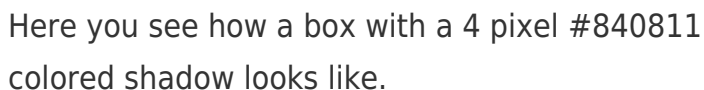
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#840811 }
```

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

```
.border{ border-color:#840811 }
```

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



Here you see how a box with a 4 pixel #840811 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #840811; -webkit-box-shadow:4px 4px  
4px 4px #840811; box-shadow:4px 4px 4px  
4px #840811 }
```

# Background

The CSS property to change the background color of an element to Hex 840811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#840811 }
```

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

```
.background{ background-color:#840811 }
```

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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