

Converting Colors

Hex(840517)

Have a look what the booklet for
Hex(840517) contains.

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Color

Hex(840517)

Conversions

Conversions Part 1

Format	Color
Hex	840517
RGB	132, 5, 23
RGB Percent	52%, 2%, 9%
CMY	0.4824, 0.9804, 0.9098
CMYK	0.00, 0.96, 0.83, 0.48
HSL	351°, 93%, 27%
HSV	351°, 96%, 52%
XYZ	9.7246, 5.0759, 1.2778
YIQ	45.0250, 69.9140, 32.5220

Conversions

Conversions Part 2

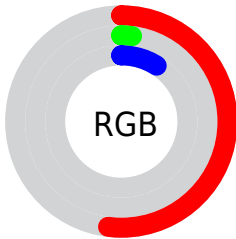
Format	Color
R_YB	132, 5, 23
Decimal	8652055
CIE Lab	26.95, 48.73, 28.60
CIE LCh	27, 56.501, 30.412
Yxy	5.0759, 0.6048, 0.3157
Android (android.graphics.Color)	4286842135 (0xFF840517)
YUV	45.0250, -10.8583, 76.2771
Hunter-Lab	22.5298, 37.6195, 12.4082

Details

The Hex color **840517** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **058472**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **C04642**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **840013**, and if you desaturate by 10%, it is **841222**.

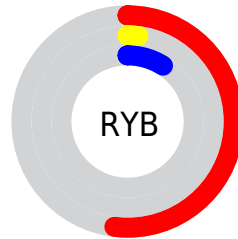
Distribution



Red (52%)

Green (2%)

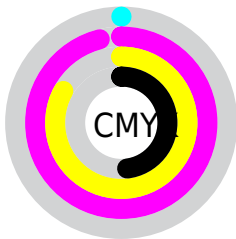
Blue (9%)



Red (52%)

Yellow (2%)

Blue (9%)

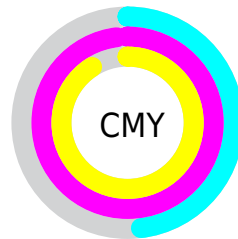


Cyan (0%)

Magenta (96%)

Yellow (83%)

Black (48%)



Cyan (48%)

Magenta (98%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 840517 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 840517 by changing the saturation by 10% instead.

 840517

 840517

 FFFFFA

 670000

 C04642

 490000

 DF615A

 2F0002

 FE7C72

 000000

 FF978C

 FFB3A6

 FFCFC2

 FFECD D

 840517

 840517

■ 840013

■ 841222

■ 841F2E

■ 842D39

■ 843A44

■ 844750

■ 84545B

■ 846166

■ 846F72

■ 847C7D

Harmonies

Analogous

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



870041



840517



6F2B00

Triad

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



840517



004F0F



004698

Complementary

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



840517



058472

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.



004E8B



840517



00513F

Square

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



840517



234900



00516B



36348B

Rectangle

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



840517



5A3900



00516B



004A96

Sweetspot

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



840517



AB7980



710584



57383D



D6D6D6



575757

Same Dimension

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



840517



AB0018



843105



423C3D



820012



030000

Inverse Universe

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



840517



AB0018



055884



423C3D



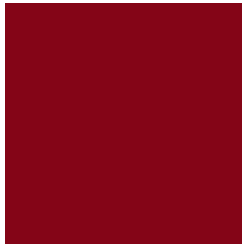
820012



030000

Previews

White Background



This preview shows how the Hex color 840517 looks on a white background.

Color Contrast Check

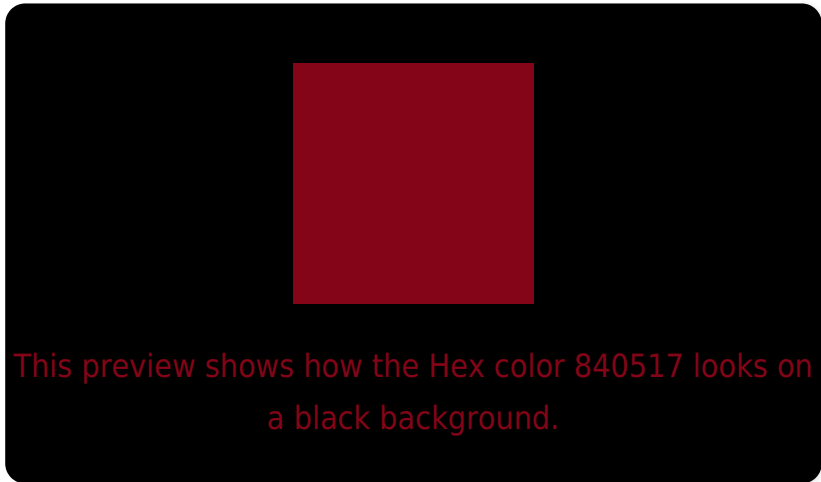
Large Text (above 18pt) WCAG AA ✓ Pass

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 840517 Background



This preview shows how black text looks on a background with the Hex color 840517.



This preview shows how white text looks on a background with the Hex color 840517.

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
840517

Protanopia
4A4324

Deuteranopia
543F0A



Tritanopia
840C00

Trichromacy



Original Color
840517

Protanomaly
5F2C1F

Deuteranomaly
652A0F

Tritanomaly
840908

Monochromacy



Original Color
840517

Achromatopsia
2D2D2D

Achromatomaly
4D1E25

CSS Examples

Text

The CSS property to change the color of the text to Hex 840517 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 #840517 looks like.

```
.text, #text, p{  
    color:#840517  
}
```

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 #840517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #840517
}
```

Border

The CSS property to change the border of an element to Hex 840517 is called "border". The border property can be set on classes, ids or directly on the HTML element.

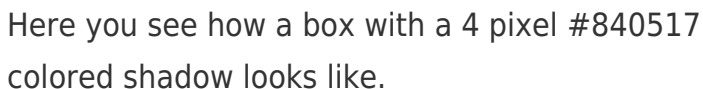
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#840517 }
```

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

```
.border{ border-color:#840517 }
```

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



Here you see how a box with a 4 pixel #840517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #840517; -webkit-box-shadow:4px 4px  
4px 4px #840517; box-shadow:4px 4px 4px  
4px #840517 }
```

Background

The CSS property to change the background color of an element to Hex 840517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#840517 }
```

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

```
.background{ background-color:#840517 }
```

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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