

Converting Colors

Hex(841700)

Have a look what the booklet for
Hex(841700) contains.

Hex(841700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(841700)

Conversions

Conversions Part 1

Format	Color
Hex	841700
RGB	132, 23, 0
RGB Percent	52%, 9%, 0%
CMY	0.4824, 0.9098, 1.0000
CMYK	0.00, 0.83, 1.00, 0.48
HSL	10°, 100%, 26%
HSV	10°, 100%, 52%
XYZ	9.8221, 5.5183, 0.5475
YIQ	52.9690, 72.3470, 15.9550

Conversions

Conversions Part 2

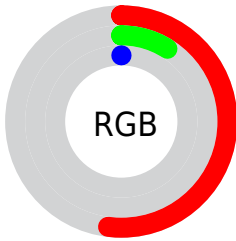
Format	Color
R_YB	132, 28, 0
Decimal	8656640
CIE Lab	28.16, 44.28, 40.73
CIE LCh	28, 60.158, 42.609
Yxy	5.5183, 0.6182, 0.3473
Android (android.graphics.Color)	4286846720 (0xFF841700)
YUV	52.9690, -26.1137, 69.3102
Hunter-Lab	23.4911, 33.5250, 15.0620

Details

The Hex color **841700** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **006D84**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **C14E2F**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **841700**, and if you desaturate by 10%, it is **84220D**.

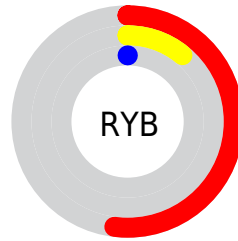
Distribution



Red (52%)

Green (9%)

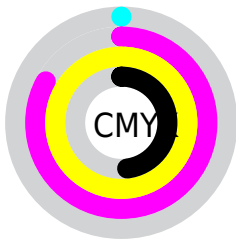
Blue (0%)



Red (52%)

Yellow (11%)

Blue (0%)

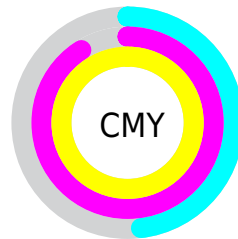


Cyan (0%)

Magenta (83%)

Yellow (100%)

Black (48%)



Cyan (48%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 841700 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 841700 by changing the saturation by 10% instead.

 841700

 841700

 FFFFE5

 660000

 C14E2F

 490000

 DF6847

 2F0002

 FF835F

 000000

 FF9E78

 FFBA92

 FFD6AD

 FFF3C9

 841700

 84220D

 842D1A

 843828

 844335

 844E42

 84584F

 84635C

 846E6A

 847977

Harmonies

Analogous

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



900031



841700



683600

Triad

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



841700



005324



00429F

Complementary

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



841700



006D84

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.



00509C



841700



005556

Square

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



841700



004F00



005481



592988

Rectangle

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



841700



4F4200



005481



0048A1

Sweetspot

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



841700



AB8178



84006E



573D37



D6D6D6



575757

Same Dimension

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



841700



AB1E00



845800



423D3C



821700



030000

Inverse Universe

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



006D84



008DAB



002C84



3C4142



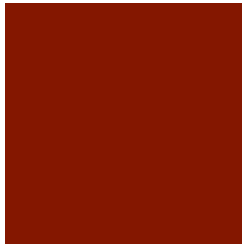
006B82



000203

Previews

White Background



This preview shows how the Hex color 841700 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

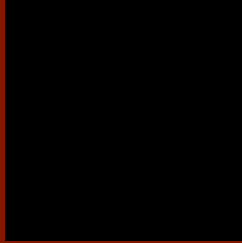
Any Text WCAG AA × Fail

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 841700 Background



This preview shows how black text looks on a background with the Hex color 841700.



This preview shows how white text looks on a background with the Hex color 841700.

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

841700

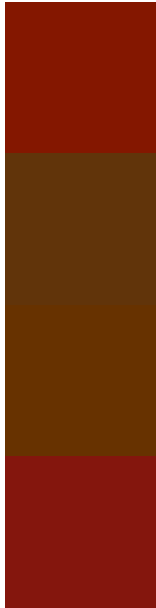
Protanopia

4D4510

Deuteranopia

564100

Trichromacy



Original Color
841700

Protanomaly
61340A

Deuteranomaly
673200

Tritanomaly
84160D

Monochromacy



Original Color
841700

Achromatopsia
353535

Achromatomaly
522A22

CSS Examples

Text

The CSS property to change the color of the text to Hex 841700 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 #841700 looks like.

```
.text, #text, p{  
    color:#841700  
}
```

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 #841700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #841700
}
```

Border

The CSS property to change the border of an element to Hex 841700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

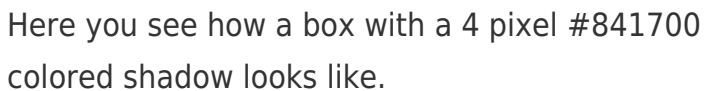
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#841700 }
```

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

```
.border{ border-color:#841700 }
```

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



Here you see how a box with a 4 pixel #841700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #841700; -webkit-box-shadow:4px 4px  
4px 4px #841700; box-shadow:4px 4px 4px  
4px #841700 }
```

Background

The CSS property to change the background color of an element to Hex 841700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#841700 }
```

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

```
.background{ background-color:#841700 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor