

Converting Colors

Hex(84401C)

Have a look what the booklet for
Hex(84401C) contains.

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Color

Hex(84401C)

Conversions

Conversions Part 1

Format	Color
Hex	84401C
RGB	132, 64, 28
RGB Percent	52%, 25%, 11%
CMY	0.4824, 0.7490, 0.8902
CMYK	0.00, 0.52, 0.79, 0.48
HSL	21°, 65%, 31%
HSV	21°, 79%, 52%
XYZ	11.5587, 8.6562, 2.1602
YIQ	80.2280, 52.0840, 3.2200

Conversions

Conversions Part 2

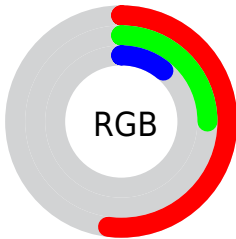
Format	Color
R_{YB}	132, 83, 28
Decimal	8667164
CIE Lab	35.31, 26.54, 34.33
CIE LCh	35, 43.392, 52.292
Yxy	8.6562, 0.5166, 0.3869
Android (android.graphics.Color)	4286857244 (0xFF84401C)
YUV	80.2280, -25.7484, 45.4040
Hunter-Lab	29.4214, 18.6396, 16.2417

Details

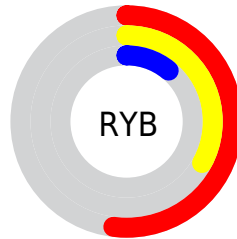
The Hex color **84401C** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1C6084**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **BE714A**, and **4D1200** is the 20% darker color. If you saturate the color by 10%, you get **84370F**, and if you desaturate by 10%, it is **844929**.

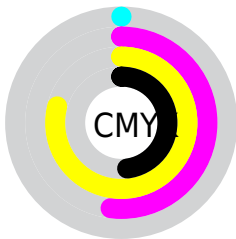
Distribution



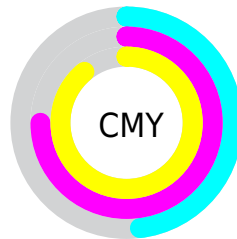
- Red (52%)
- Green (25%)
- Blue (11%)



- Red (52%)
- Yellow (33%)
- Blue (11%)



- Cyan (0%)
- Magenta (52%)
- Yellow (79%)
- Black (48%)



- Cyan (48%)
- Magenta (75%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84401C 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 84401C by changing the saturation by 10% instead.

 84401C

 84401C

FFFFFF

 682904

 BE714A

 4D1200

 DB8B62

 320000

 F9A67C

 100000

 FFC196

 000000

 FFDDB1

 FFFACC

 FFFFEE9

 84401C

 84401C

■ 84370F

■ 844929

■ 842F02

■ 845136

■ 842E00

■ 845A44

■ 846351

■ 846B5E

■ 84746B

■ 847C78

■ 848586

■ 848E93

Harmonies

Analogous

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



91333B



84401C



6C4E03

Triad

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



84401C



006349



414E94

Complementary

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



84401C



1C6084

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.



005A98



84401C



00636C

Square

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



84401C



1C5F26



006189



743E7E

Rectangle

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



84401C



575601



006189



225297

Sweetspot

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



84401C



AB9082



841C61



57463E



D6D6D6



575757

Same Dimension

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



84401C



AB4109



84731C



423E3C



822D00



030100

Inverse Universe

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



1C6084



0973AB



1C2D84



3C4042



005582



000203

Previews

White Background



This preview shows how the Hex color 84401C looks on a white background.

Color Contrast Check

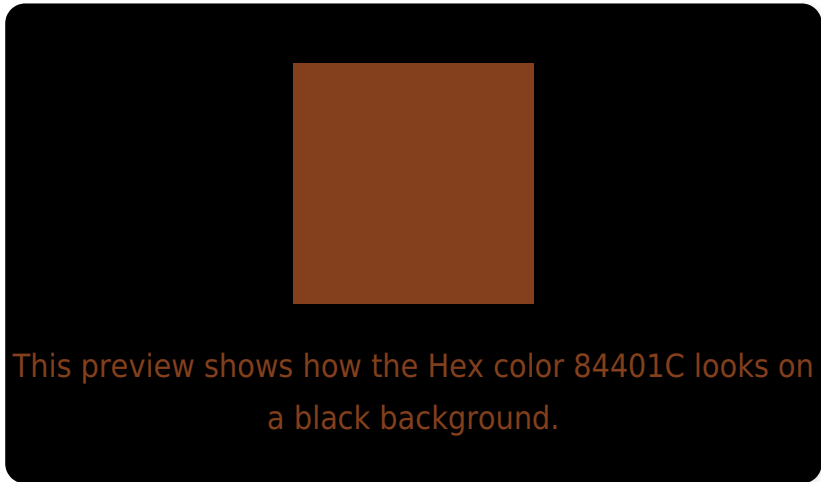
Large Text (above 18pt) WCAG AA ✓ Pass

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 84401C Background



This preview shows how black text looks on a background with the Hex color 84401C.



This preview shows how white text looks on a background with the Hex color 84401C.

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
84401C

Protanopia
5D5421

Deuteranopia
695017



Tritanopia
863C40

Trichromacy



Original Color
84401C

Protanomaly
6B4D1F

Deuteranomaly
734A19

Tritanomaly
853D33

Monochromacy



Original Color
84401C

Achromatopsia
505050

Achromatomaly
634A3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 84401C 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 #84401C looks like.

```
.text, #text, p{  
    color:#84401C  
}
```

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 #84401C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84401C  
}
```

Border

The CSS property to change the border of an element to Hex 84401C is called "border". The border property can be set on classes, ids or directly on the HTML element.

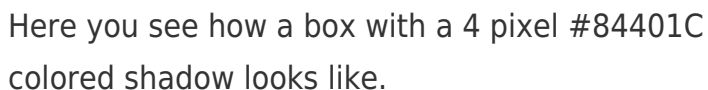
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#84401C }
```

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

```
.border{ border-color:#84401C }
```

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



Here you see how a box with a 4 pixel #84401C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84401C; -webkit-box-shadow:4px 4px  
4px 4px #84401C; box-shadow:4px 4px 4px  
4px #84401C }
```

Background

The CSS property to change the background color of an element to Hex 84401C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84401C }
```

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

```
.background{ background-color:#84401C }
```

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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