

# Converting Colors

Hex(84382E)

Have a look what the booklet for  
Hex(84382E) contains.

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# Color

**Hex(84382E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	84382E
RGB	132, 56, 46
RGB Percent	52%, 22%, 18%
CMY	0.4824, 0.7804, 0.8196
CMYK	0.00, 0.58, 0.65, 0.48
HSL	7°, 48%, 35%
HSV	7°, 65%, 52%
XYZ	11.4230, 7.9311, 3.5136
YIQ	77.5840, 48.5060, 13.0020

# Conversions

## Conversions Part 2

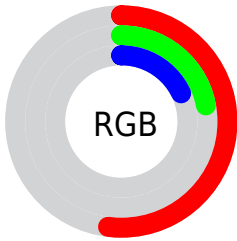
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 57, 46
Decimal	8665134
CIE <sub>Lab</sub>	33.84, 31.92, 22.26
CIE <sub>LCh</sub>	34, 38.915, 34.883
Yxy	7.9311, 0.4995, 0.3468
Android (android.graphics.Color)	4286855214 (0xFF84382E)
YUV	77.5840, -15.5709, 47.7228
Hunter-Lab	28.1623, 23.1183, 12.3165

# Details

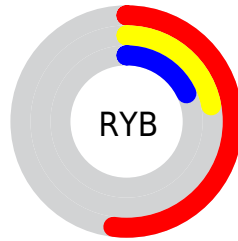
The Hex color **84382E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2E7A84**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **BD6A5C**, and **4E0500** is the 20% darker color. If you saturate the color by 10%, you get **842C21**, and if you desaturate by 10%, it is **84443B**.

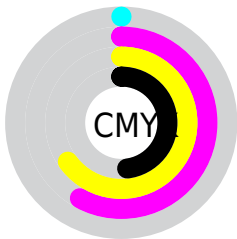
# Distribution



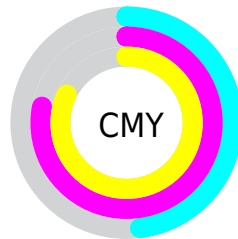
- Red (52%)
- Green (22%)
- Blue (18%)



- Red (52%)
- Yellow (22%)
- Blue (18%)



- Cyan (0%)
- Magenta (58%)
- Yellow (65%)
- Black (48%)



- Cyan (48%)
- Magenta (78%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84382E 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 84382E by changing the saturation by 10% instead.





84382E



84382E

FFFFFF



682019



BD6A5C



4E0500



DB8375



330000



F89E8E



0E0000



FFB9A9



000000



FFD5C4



FFF2E0



FFFFFFD



84382E



84382E

■ 842C21

■ 84443B

■ 842114

■ 844F48

■ 841506

■ 845B56

■ 840F00

■ 846763

■ 847270

■ 847E7D

■ 848A8A

■ 849598

■ 84A1A5

# Harmonies

## Analogous

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



87324C



84382E



744416

# Triad

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



84382E



005C34



07518D

# Complementary

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



84382E



2E7A84

# 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.



005A87



84382E



005E54

# Square

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



84382E



3B5819



005E72



574582

# Rectangle

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



84382E



644C0B



005E72



00558D



# Sweetspot

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



84382E



AB8D89



842E7B



574442



D6D6D6



575757



# Same Dimension

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



84382E



AB3526



84622E



423C3C



820F00



030000



# Inverse Universe

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



2E7A84



269BAB



2E5084



3C4242



007382



000203



# Previews

## White Background



This preview shows how the Hex color 84382E looks on a white background.

## Color Contrast Check

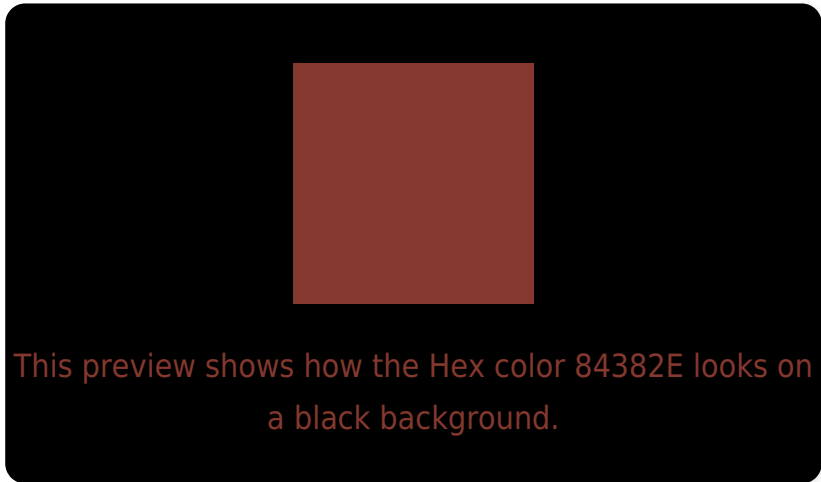
Large Text (above 18pt) WCAG AA ✓ Pass

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 84382E Background



This preview shows how black text looks on a background with the Hex color 84382E.

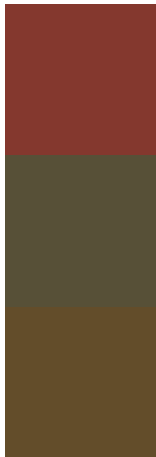


This preview shows how white text looks on a background with the Hex color 84382E.

# 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**  
84382E

**Protanopia**  
575037

**Deuteranopia**  
634D2A



**Tritanopia**  
85363A

# Trichromacy



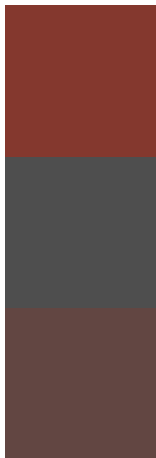
**Original Color**  
84382E

**Protanomaly**  
674734

**Deuteranomaly**  
6F452B

**Tritanomaly**  
853736

# Monochromacy



**Original Color**  
84382E

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
624642

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84382E 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 #84382E looks like.

```
.text, #text, p{  
    color:#84382E  
}
```

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 #84382E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84382E
}
```

## Border

The CSS property to change the border of an element to Hex 84382E is called "border". The border property can be set on classes, ids or directly on the HTML element.

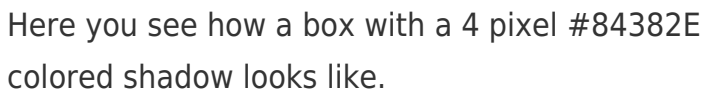
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84382E }
```

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

```
.border{ border-color:#84382E }
```

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



Here you see how a box with a 4 pixel #84382E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84382E; -webkit-box-shadow:4px 4px  
4px 4px #84382E; box-shadow:4px 4px 4px  
4px #84382E }
```

# Background

The CSS property to change the background color of an element to Hex 84382E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84382E }
```

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

```
.background{ background-color:#84382E }
```

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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