

Converting Colors

Hex(83642C)

Have a look what the booklet for
Hex(83642C) contains.

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Color

Hex(83642C)

Conversions

Conversions Part 1

Format	Color
Hex	83642C
RGB	131, 100, 44
RGB Percent	51%, 39%, 17%
CMY	0.4863, 0.6078, 0.8275
CMYK	0.00, 0.24, 0.66, 0.49
HSL	39°, 50%, 34%
HSV	39°, 66%, 51%
XYZ	14.3719, 14.1215, 4.3511
YIQ	102.8850, 36.4520, -10.8440

Conversions

Conversions Part 2

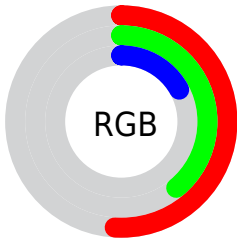
Format	Color
RYB	92, 131, 44
Decimal	8610860
CIELab	44.41, 6.00, 35.77
CIELCh	44, 36.272, 80.475
Yxy	14.1215, 0.4376, 0.4300
Android (android.graphics.Color)	4286800940 (0xFF83642C)
YUV	102.8850, -29.0303, 24.6569
Hunter-Lab	37.5786, 2.5046, 19.4400

Details

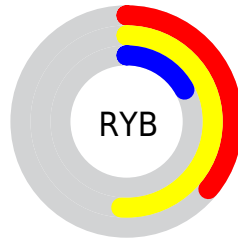
The Hex color **83642C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2C4B83**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **BB975C**, and **4E3600** is the 20% darker color. If you saturate the color by 10%, you get **835F1F**, and if you desaturate by 10%, it is **836939**.

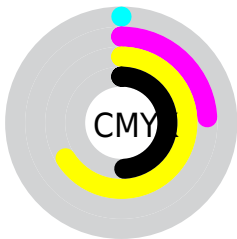
Distribution



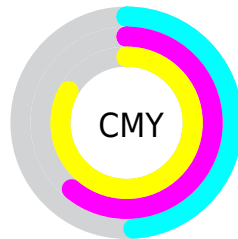
- Red (51%)
- Green (39%)
- Blue (17%)



- Red (36%)
- Yellow (51%)
- Blue (17%)



- Cyan (0%)
- Magenta (24%)
- Yellow (66%)
- Black (49%)



- Cyan (49%)
- Magenta (61%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83642C 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 83642C by changing the saturation by 10% instead.

 83642C

 83642C

FFFFFF

 684C14

 BB975C

 4E3600

 D7B175

 352000

 F5CD8F

 1D0B00

 FFE9AA

 000000

 FFFFC6

 FFFFE2

 83642C

 83642C

 835F1F

 836939

■ 835B12

■ 836D46

■ 835605

■ 837253

■ 835400

■ 837760

■ 837B6E

■ 83807B

■ 838588

■ 838995

■ 838EA2

Harmonies

Analogous

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



98593B



83642C



666E2E

Triad

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



83642C



00787D



855990

Complementary

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



83642C



2C4B83

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.



5B65A2



83642C



007597

Square

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



83642C



00785E



096FA4



9C5074

Rectangle

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



83642C



507239



096FA4



795D97

Sweetspot

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



83642C



AB9F89



832C4C



574F42



D6D6D6



575757

Same Dimension

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



83642C



AB7A22



77832C



42403C



825400



030200

Inverse Universe

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



2C4B83



2253AB



382C83



3C3E42



002E82



000103

Previews

White Background



This preview shows how the Hex color 83642C looks on a white background.

Color Contrast Check

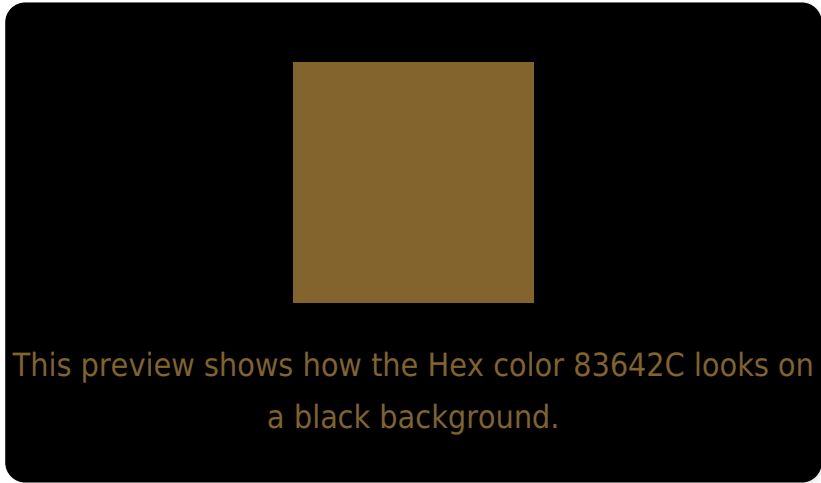
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

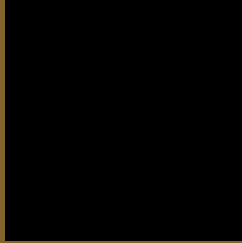
Any Text WCAG AA × Fail

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 83642C Background



This preview shows how black text looks on a background with the Hex color 83642C.



This preview shows how white text looks on a background with the Hex color 83642C.

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
83642C

Protanopia
75692E

Deuteranopia
83642C



Tritanopia
875E65

Trichromacy



Original Color
83642C

Protanomaly
7A672D

Deuteranomaly
83642C

Tritanomaly
866050

Monochromacy



Original Color
83642C

Achromatopsia
676767

Achromatomaly
716652

CSS Examples

Text

The CSS property to change the color of the text to Hex 83642C 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 #83642C looks like.

```
.text, #text, p{  
    color:#83642C  
}
```

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 #83642C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83642C
}
```

Border

The CSS property to change the border of an element to Hex 83642C 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
#83642C }
```

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

```
.border{ border-color:#83642C }
```

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

Here you see how a box with a 4 pixel #83642C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83642C; -webkit-box-shadow:4px 4px  
4px 4px #83642C; box-shadow:4px 4px 4px  
4px #83642C }
```

Background

The CSS property to change the background color of an element to Hex 83642C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83642C }
```

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

```
.background{ background-color:#83642C }
```

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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