

Converting Colors

Hex(80642C)

Have a look what the booklet for
Hex(80642C) contains.

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Color

Hex(80642C)

Conversions

Conversions Part 1

Format	Color
Hex	80642C
RGB	128, 100, 44
RGB Percent	50%, 39%, 17%
CMY	0.4980, 0.6078, 0.8275
CMYK	0.00, 0.22, 0.66, 0.50
HSL	40°, 49%, 34%
HSV	40°, 66%, 50%
XYZ	13.9139, 13.8854, 4.3297
YIQ	101.9880, 34.6640, -11.4800

Conversions

Conversions Part 2

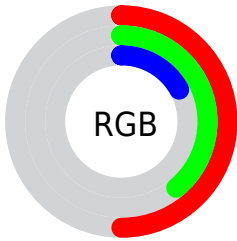
Format	Color
RYB	86, 128, 44
Decimal	8414252
CIELab	44.07, 4.60, 35.30
CIElCh	44, 35.600, 82.573
Yxy	13.8854, 0.4331, 0.4322
Android (android.graphics.Color)	4286604332 (0xFF80642C)
YUV	101.9880, -28.5881, 22.8125
Hunter-Lab	37.2631, 1.4407, 19.1951

Details

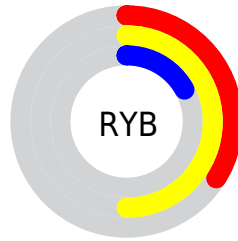
The Hex color **80642C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2C4880**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B7975C**, and **4C3600** is the 20% darker color. If you saturate the color by 10%, you get **80601F**, and if you desaturate by 10%, it is **806839**.

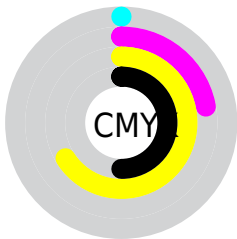
Distribution



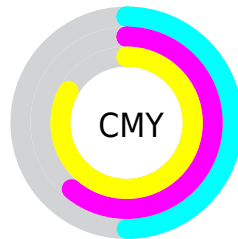
- Red (50%)
- Green (39%)
- Blue (17%)



- Red (34%)
- Yellow (50%)
- Blue (17%)



- Cyan (0%)
- Magenta (22%)
- Yellow (66%)
- Black (50%)



- Cyan (50%)
- Magenta (61%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80642C 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 80642C by changing the saturation by 10% instead.

 80642C

 80642C

FFFFFF

 654C14

 B7975C

 4C3600

 D4B175

 332100

 F1CD8F

 1A0B00

 FFE9AA

 000000

 FFFFC6

 FFFFE2

 80642C

 80642C

 80601F

 806839

■ 805B12

■ 806D46

■ 805706

■ 807152

■ 805500

■ 80755F

■ 80796C

■ 807E79

■ 808286

■ 808692

■ 808A9F

Harmonies

Analogous

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



95593A



80642C



636D2F

Triad

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



80642C



00777E



86588C

Complementary

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



80642C



2C4880

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.



5F639F



80642C



007496

Square

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



80642C



007760



1A6DA3



9B5071

Rectangle

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



80642C



4D723B



1A6DA3



7B5C94

Sweetspot

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



80642C



A69B85



802C48



544D40



D4D4D4



545454

Same Dimension

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



80642C



A67A23



72802C



403E39



805500



000000

Inverse Universe

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



2C4880



234EA6



3A2C80



393C40



002A80



000000

Previews

White Background



This preview shows how the Hex color 80642C looks on a white background.

Color Contrast Check

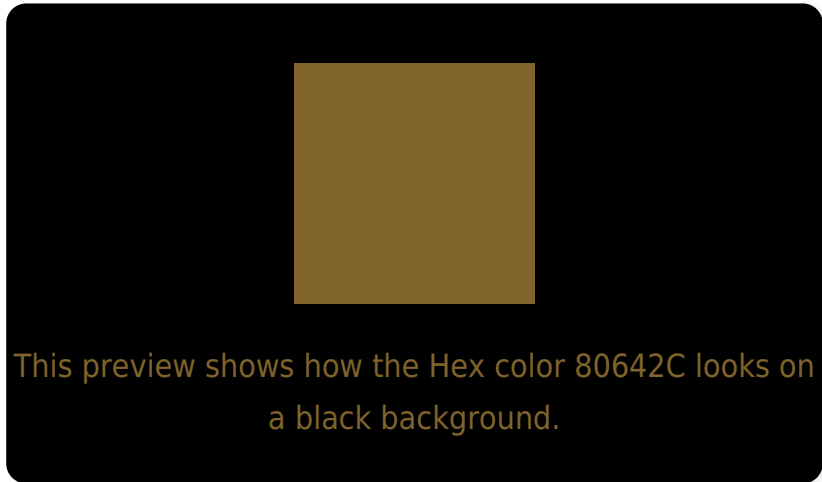
Large Text (above 18pt) WCAG AA ✓ Pass

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

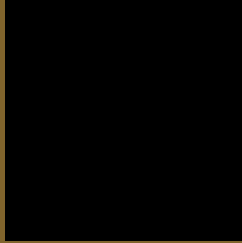
Any Text WCAG AA × Fail

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 80642C Background



This preview shows how black text looks on a background with the Hex color 80642C.



This preview shows how white text looks on a background with the Hex color 80642C.

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
80642C

Protanopia
74692D

Deuteranopia
82632C



Tritanopia
845E65

Trichromacy



Original Color
80642C

Protanomaly
78672D

Deuteranomaly
81632C

Tritanomaly
836050

Monochromacy



Original Color
80642C

Achromatopsia
666666

Achromatomaly
6F6551

CSS Examples

Text

The CSS property to change the color of the text to Hex 80642C 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 #80642C looks like.

```
.text, #text, p{  
    color:#80642C  
}
```

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 #80642C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80642C
}
```

Border

The CSS property to change the border of an element to Hex 80642C is called "border". The border property can be set on classes, ids or directly on the HTML element.

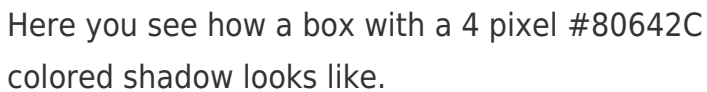
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80642C }
```

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

```
.border{ border-color:#80642C }
```

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



Here you see how a box with a 4 pixel #80642C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80642C; -webkit-box-shadow:4px 4px  
4px 4px #80642C; box-shadow:4px 4px 4px  
4px #80642C }
```

Background

The CSS property to change the background color of an element to Hex 80642C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80642C }
```

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

```
.background{ background-color:#80642C }
```

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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