

Converting Colors

Hex(80495C)

Have a look what the booklet for
Hex(80495C) contains.

Hex(80495C)	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(80495C)

Conversions

Conversions Part 1

Format	Color
Hex	80495C
RGB	128, 73, 92
RGB Percent	50%, 29%, 36%
CMY	0.4980, 0.7137, 0.6392
CMYK	0.00, 0.43, 0.28, 0.50
HSL	339°, 27%, 39%
HSV	339°, 43%, 50%
XYZ	13.2164, 10.1270, 11.3833
YIQ	91.6110, 26.6810, 17.5690

Conversions

Conversions Part 2

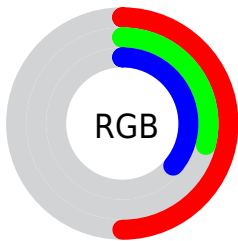
Format	Color
R_{YB}	128, 73, 92
Decimal	8407388
CIE _{Lab}	38.07, 25.98, -0.99
CIE _{LCh}	38, 25.998, 357.807
Yxy	10.1270, 0.3806, 0.2916
Android (android.graphics.Color)	4286597468 (0xFF80495C)
YUV	91.6110, 0.1918, 31.9132
Hunter-Lab	31.8229, 18.4428, 1.0675

Details

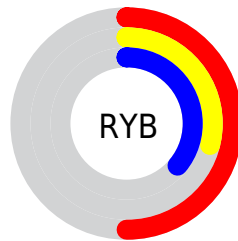
The Hex color **80495C** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **49806D**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **B67B8E**, and **4D1B2E** is the 20% darker color. If you saturate the color by 10%, you get **803C54**, and if you desaturate by 10%, it is **805664**.

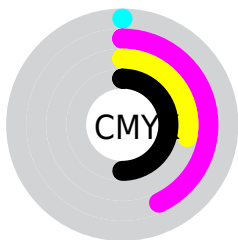
Distribution



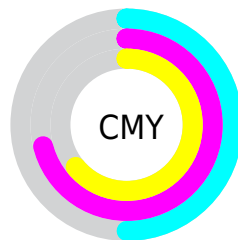
- Red (50%)
- Green (29%)
- Blue (36%)



- Red (50%)
- Yellow (29%)
- Blue (36%)



- Cyan (0%)
- Magenta (43%)
- Yellow (28%)
- Black (50%)



- Cyan (50%)
- Magenta (71%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80495C 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 80495C by changing the saturation by 10% instead.

 80495C

 80495C

FFFFFF

 663145

 B67B8E

 4D1B2E

 D295A9

 34041A

 EFB0C4

 1F0001

 FFCBE0

 000000

 FFE8FC

 80495C

 80495C

 803C54

 805664

 802F4B

 80636D

 802343

 806F75


 80163A

 807C7E

 800932

 808986

 80002C

 80968E

 80A397

 80AF9F

 80BCA7

Harmonies

Analogous

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



734D70



80495C



824A47

Triad

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



80495C



535E34



00627D

Complementary

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



80495C



49806D

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.



00646D



80495C



3A6342

Square

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



80495C



68582F



196557



365C83

Rectangle

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



80495C



7D4E3B



196557



006378

Sweetspot

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



80495C



A69098



6D4980



54474B



D4D4D4



545454

Same Dimension

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



80495C



A6506D



805149



40393C



80002C



000000

Inverse Universe

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



80495C



A6506D



497880



40393C



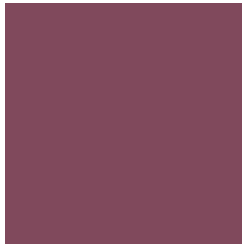
80002C



000000

Previews

White Background



This preview shows how the Hex color 80495C looks on a white background.

Color Contrast Check

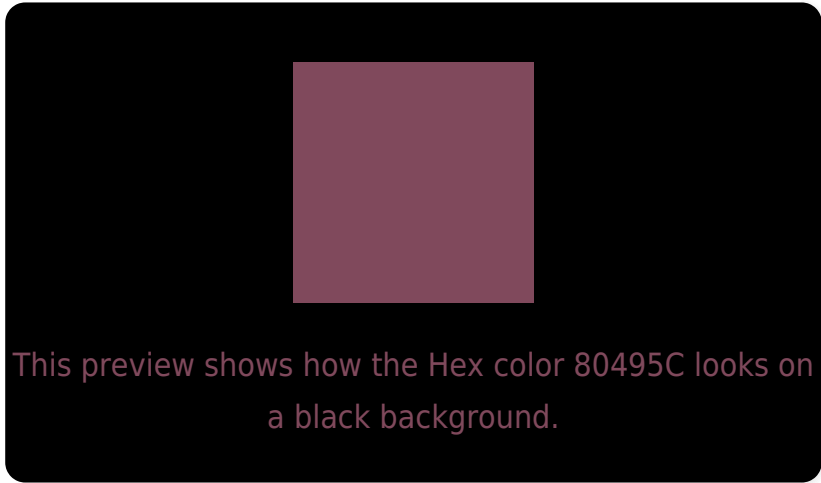
Large Text (above 18pt) WCAG AA ✓ Pass

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

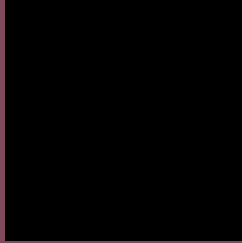
Any Text WCAG AA × Fail

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 80495C Background



This preview shows how black text looks on a background with the Hex color 80495C.

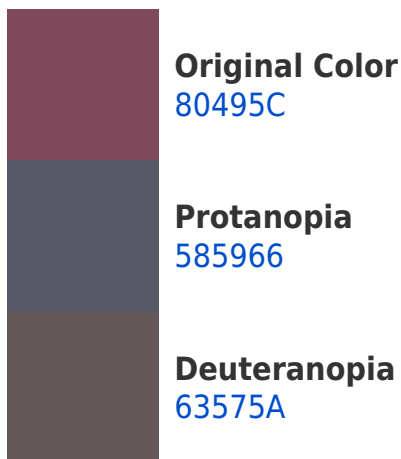


This preview shows how white text looks on a background with the Hex color 80495C.

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





Tritanopia
7F4B51

Trichromacy



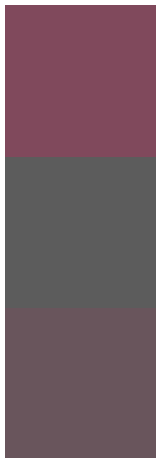
Original Color
80495C

Protanomaly
675362

Deuteranomaly
6E525B

Tritanomaly
7F4A55

Monochromacy



Original Color
80495C

Achromatopsia
5C5C5C

Achromatomaly
69555C

CSS Examples

Text

The CSS property to change the color of the text to Hex 80495C 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 #80495C looks like.

```
.text, #text, p{  
    color:#80495C  
}
```

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 #80495C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80495C
}
```

Border

The CSS property to change the border of an element to Hex 80495C is called "border". The border property can be set on classes, ids or directly on the HTML element.

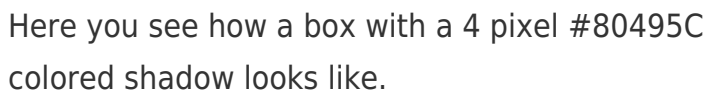
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80495C }
```

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

```
.border{ border-color:#80495C }
```

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



Here you see how a box with a 4 pixel #80495C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80495C; -webkit-box-shadow:4px 4px  
4px 4px #80495C; box-shadow:4px 4px 4px  
4px #80495C }
```

Background

The CSS property to change the background color of an element to Hex 80495C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80495C }
```

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

```
.background{ background-color:#80495C }
```

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