

Converting Colors

Hex(87475C)

Have a look what the booklet for
Hex(87475C) contains.

Hex(87475C)	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(87475C)

Conversions

Conversions Part 1

Format	Color
Hex	87475C
RGB	135, 71, 92
RGB Percent	53%, 28%, 36%
CMY	0.4706, 0.7216, 0.6392
CMYK	0.00, 0.47, 0.32, 0.47
HSL	340°, 31%, 40%
HSV	340°, 47%, 53%
XYZ	14.1767, 10.4301, 11.3912
YIQ	92.5300, 31.4030, 20.0990

Conversions

Conversions Part 2

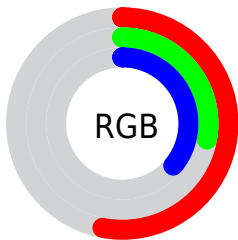
Format	Color
RYB	135, 71, 92
Decimal	8865628
CIELab	38.60, 29.80, -0.10
CIElCh	39, 29.805, 359.816
Yxy	10.4301, 0.3938, 0.2897
Android (android.graphics.Color)	4287055708 (0xFF87475C)
YUV	92.5300, -0.2613, 37.2462
Hunter-Lab	32.2956, 21.8380, 1.6943

Details

The Hex color **87475C** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **478772**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **BE798E**, and **53172E** is the 20% darker color. If you saturate the color by 10%, you get **873A53**, and if you desaturate by 10%, it is **875565**.

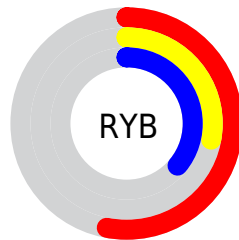
Distribution



Red (53%)

Green (28%)

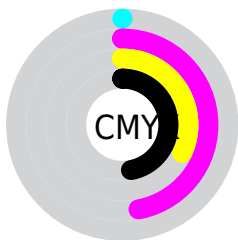
Blue (36%)



Red (53%)

Yellow (28%)

Blue (36%)

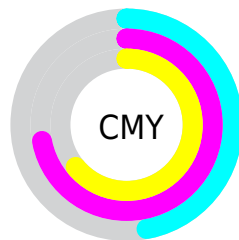


Cyan (0%)

Magenta (47%)

Yellow (32%)

Black (47%)



Cyan (47%)

Magenta (72%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87475C 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 87475C by changing the saturation by 10% instead.

87475C

87475C

FFFFFF

6D2F45

BE798E

53172E

DB93A9

3A001A

F8AEC4

250001

FFCAE0

000000

FFE6FC

87475C

87475C

873A53

875565

872C4A

87626E

871F41

877077

871138

877D80

87032F

878B89

87002C

879892

87A69B

87B3A5

87C1AE

Harmonies

Analogous

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



794C74



87475C



884944

Triad

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



87475C



516130



006484

Complementary

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



87475C



478772

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.



006772



87475C



336542

Square

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



87475C



6A5929



00675A



325D8B

Rectangle

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



87475C



824E37



00675A



00657F

Sweetspot

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



87475C



B0979F



724787



594A4F



D9D9D9



595959

Same Dimension

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



87475C



B04C6D



875247



423C3E



82002B



030001

Inverse Universe

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



87475C



B04C6D



477C87



423C3E



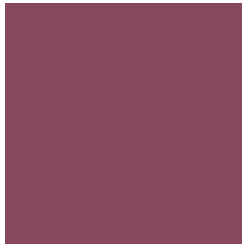
82002B



030001

Previews

White Background



This preview shows how the Hex color 87475C looks on a white background.

Color Contrast Check

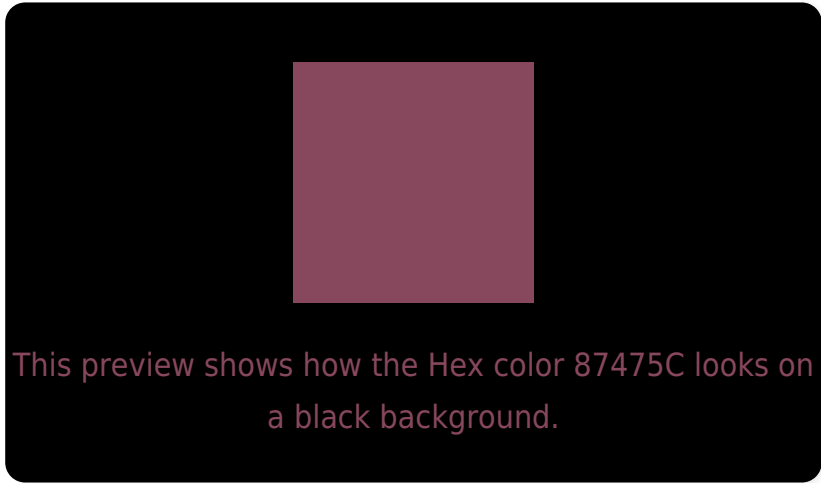
Large Text (above 18pt) WCAG AA ✓ Pass

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

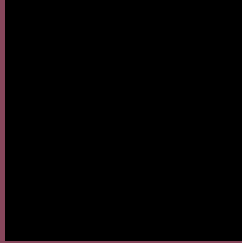
Any Text WCAG AA × Fail

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 87475C Background



This preview shows how black text looks on a background with the Hex color 87475C.

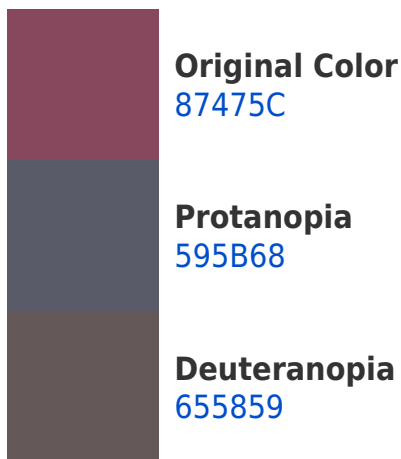



This preview shows how white text looks on a background with the Hex color 87475C.

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
86494F

Trichromacy



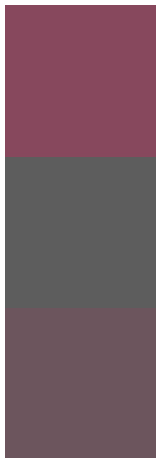
Original Color
87475C

Protanomaly
6A5464

Deuteranomaly
71525A

Tritanomaly
864854

Monochromacy



Original Color
87475C

Achromatopsia
5D5D5D

Achromatomaly
6C555D

CSS Examples

Text

The CSS property to change the color of the text to Hex 87475C 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 #87475C looks like.

```
.text, #text, p{  
    color:#87475C  
}
```

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 #87475C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87475C
}
```

Border

The CSS property to change the border of an element to Hex 87475C is called "border". The border property can be set on classes, ids or directly on the HTML element.

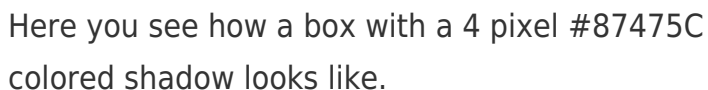
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87475C }
```

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

```
.border{ border-color:#87475C }
```

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



Here you see how a box with a 4 pixel #87475C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87475C; -webkit-box-shadow:4px 4px  
4px 4px #87475C; box-shadow:4px 4px 4px  
4px #87475C }
```

Background

The CSS property to change the background color of an element to Hex 87475C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87475C }
```

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

```
.background{ background-color:#87475C }
```

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