

Converting Colors

Hex(87493F)

Have a look what the booklet for
Hex(87493F) contains.

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Color

Hex(87493F)

Conversions

Conversions Part 1

Format	Color
Hex	87493F
RGB	135, 73, 63
RGB Percent	53%, 29%, 25%
CMY	0.4706, 0.7137, 0.7529
CMYK	0.00, 0.46, 0.53, 0.47
HSL	8°, 36%, 39%
HSV	8°, 53%, 53%
XYZ	13.2714, 10.2749, 5.9864
YIQ	90.3980, 40.1620, 10.0340

Conversions

Conversions Part 2

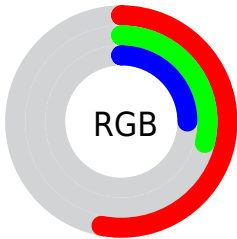
Format	Color
RYB	135, 75, 63
Decimal	8866111
CIELab	38.33, 25.21, 17.62
CIElCh	38, 30.759, 34.959
Yxy	10.2749, 0.4494, 0.3479
Android (android.graphics.Color)	4287056191 (0xFF87493F)
YUV	90.3980, -13.5072, 39.1160
Hunter-Lab	32.0544, 17.8087, 11.3653

Details

The Hex color **87493F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3F7D87**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **BF7B6F**, and **511B14** is the 20% darker color. If you saturate the color by 10%, you get **873D32**, and if you desaturate by 10%, it is **87554D**.

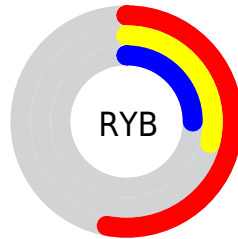
Distribution



Red (53%)

Green (29%)

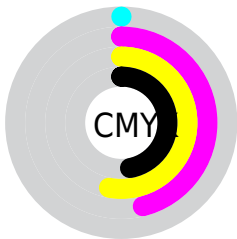
Blue (25%)



Red (53%)

Yellow (29%)

Blue (25%)

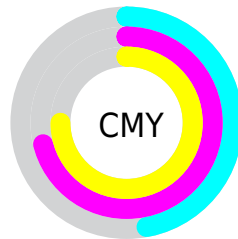


Cyan (0%)

Magenta (46%)

Yellow (53%)

Black (47%)



Cyan (47%)

Magenta (71%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87493F 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 87493F by changing the saturation by 10% instead.



87493F



87493F

FFFFFF



6C3129



BF7B6F



511B14



DC9588



380400



F9B0A2



200001



FFCBBD



000000



FFE8D9



FFFFF6



87493F



87493F



873D32



87554D

873224

87605A

872616

876C68

871A09

877875

871300

878383

878F90

879A9D

87A6AB

87B2B9

Harmonies

Analogous

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



894557



87493F



7A512D

Triad

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



87493F



2A6544



385B8C

Complementary

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



87493F



3F7D87

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.



006287



87493F



00675E

Square

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



87493F



4B6130



006676



625283

Rectangle

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



87493F



6D5727



006676



245E8C

Sweetspot

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



87493F



B09894



873F7D



594B48



D9D9D9



595959

Same Dimension

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



87493F



B04F3F



876D3F



423D3C



821200



030000

Inverse Universe

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



3F7D87



3FA0B0



3F5987



3C4142



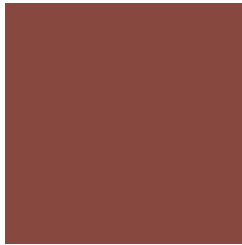
007082



000203

Previews

White Background



This preview shows how the Hex color 87493F looks on a white background.

Color Contrast Check

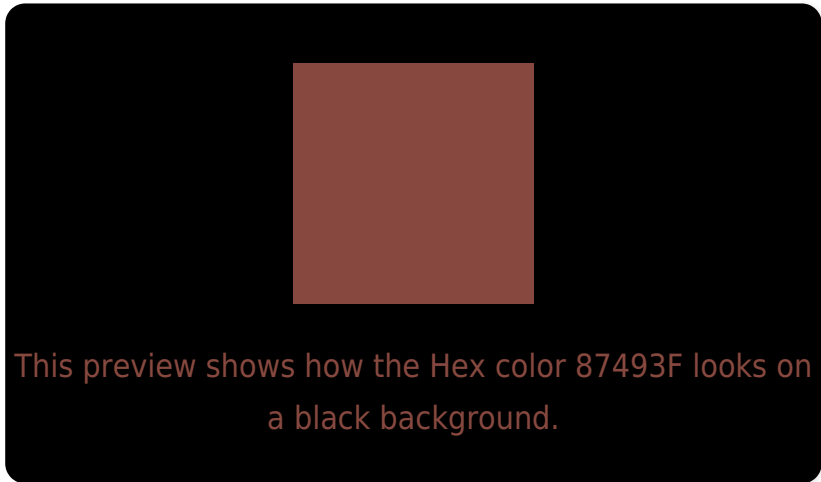
Large Text (above 18pt) WCAG AA ✓ Pass

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 87493F Background



This preview shows how black text looks on a background with the Hex color 87493F.



This preview shows how white text looks on a background with the Hex color 87493F.

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
87493F

Protanopia
615B47

Deuteranopia
6D573C



Tritanopia
88474C

Trichromacy



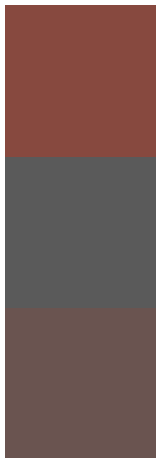
Original Color
87493F

Protanomaly
6F5444

Deuteranomaly
76523D

Tritanomaly
884847

Monochromacy



Original Color
87493F

Achromatopsia
5A5A5A

Achromatomaly
6A5450

CSS Examples

Text

The CSS property to change the color of the text to Hex 87493F 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 #87493F looks like.

```
.text, #text, p{  
    color:#87493F  
}
```

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 #87493F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87493F
}
```

Border

The CSS property to change the border of an element to Hex 87493F is called "border". The border property can be set on classes, ids or directly on the HTML element.

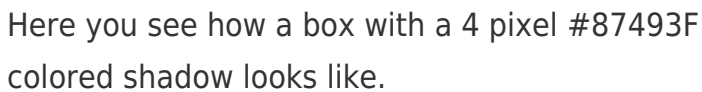
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87493F }
```

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

```
.border{ border-color:#87493F }
```

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



Here you see how a box with a 4 pixel #87493F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87493F; -webkit-box-shadow:4px 4px  
4px 4px #87493F; box-shadow:4px 4px 4px  
4px #87493F }
```

Background

The CSS property to change the background color of an element to Hex 87493F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87493F }
```

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

```
.background{ background-color:#87493F }
```

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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