

Converting Colors

Hex(84837D)

Have a look what the booklet for
Hex(84837D) contains.

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Color

Hex(84837D)

Conversions

Conversions Part 1

Format	Color
Hex	84837D
RGB	132, 131, 125
RGB Percent	52%, 51%, 49%
CMY	0.4824, 0.4863, 0.5098
CMYK	0.00, 0.01, 0.05, 0.48
HSL	51°, 3%, 50%
HSV	51°, 5%, 52%
XYZ	21.3337, 22.6188, 22.6435
YIQ	130.6150, 2.5220, -1.6540

Conversions

Conversions Part 2

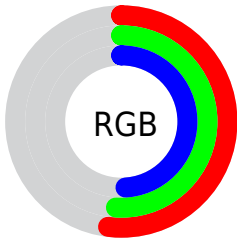
Format	Color
RYB	126, 132, 125
Decimal	8684413
CIELab	54.68, -0.78, 3.37
CIELCh	55, 3.455, 103.057
Yxy	22.6188, 0.3203, 0.3396
Android (android.graphics.Color)	4286874493 (0xFF84837D)
YUV	130.6150, -2.7682, 1.2146
Hunter-Lab	47.5592, -3.1587, 5.0628

Details

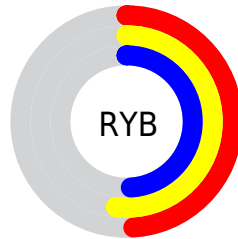
The Hex color **84837D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7D7E84**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B9B8B2**, and **53524C** is the 20% darker color. If you saturate the color by 10%, you get **848170**, and if you desaturate by 10%, it is **84858A**.

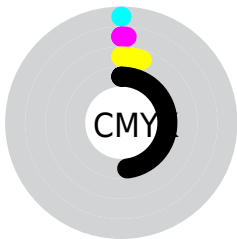
Distribution



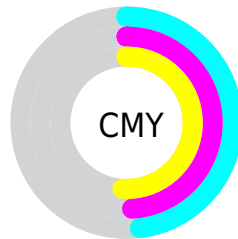
- Red (52%)
- Green (51%)
- Blue (49%)



- Red (49%)
- Yellow (52%)
- Blue (49%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (48%)



- Cyan (48%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84837D 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 84837D by changing the saturation by 10% instead.



84837D



84837D

FFFFFF



6B6A64



B9B8B2



53524C



D5D4CD



3C3B36



F1F0E9



262520



111009



000000



84837D



84837D



848170



84858A



847F63



848797

■ 847D55

■ 8489A5

■ 847B48

■ 848BB2

■ 847A3B

■ 848CBF

■ 84782E

■ 848ECC

■ 847621

■ 8490D9

■ 847413

■ 8492E7

■ 847206

■ 8494F4

Harmonies

Analogous

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



87827D



84837D



80847E

Triad

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



84837D



7C8487



888185

Complementary

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



84837D



7D7E84

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.



858287



84837D



7E8488

Square

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



84837D



7C8584



818389



898182

Rectangle

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



84837D



7E8480



818389



878186

Sweetspot

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



84837D



ABAAA7



847D7E



575655



D6D6D6



575757

Same Dimension

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



84837D



ABA9A1



82847D



42423E



826F00



030200

Inverse Universe

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



7D7E84



A1A2AB



7F7D84



3E3E42



001382



000003

Previews

White Background



This preview shows how the Hex color 84837D looks on a white background.

Color Contrast Check

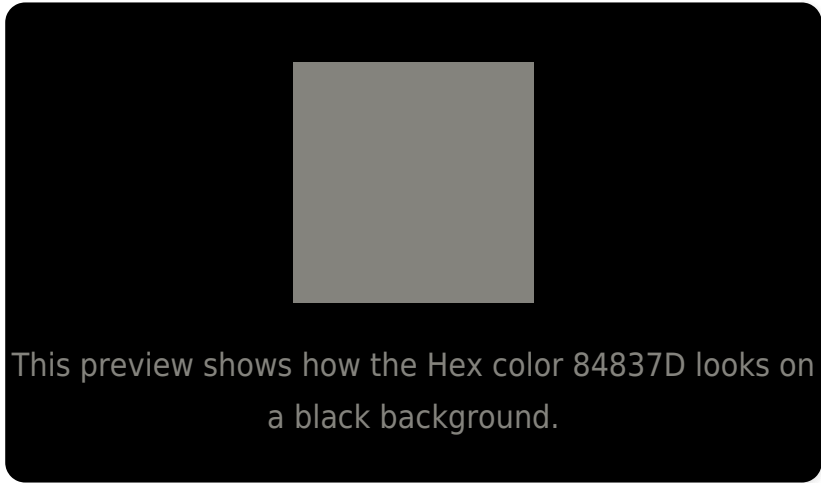
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

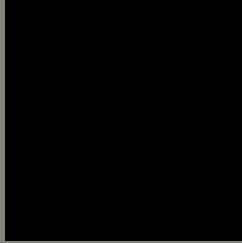
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

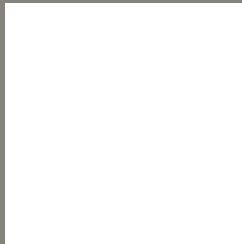
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 84837D Background



This preview shows how black text looks on a background with the Hex color 84837D.



This preview shows how white text looks on a background with the Hex color 84837D.

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
84837D

Protanopia
87827D

Deuteranopia
917E7E



Tritanopia
86818B

Trichromacy



Original Color
84837D

Protanomaly
86827D

Deuteranomaly
8C807E

Tritanomaly
858286

Monochromacy



Original Color
84837D

Achromatopsia
838383

Achromatomaly
838381

CSS Examples

Text

The CSS property to change the color of the text to Hex 84837D 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 #84837D looks like.

```
.text, #text, p{  
    color:#84837D  
}
```

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 #84837D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84837D
}
```

Border

The CSS property to change the border of an element to Hex 84837D is called "border". The border property can be set on classes, ids or directly on the HTML element.

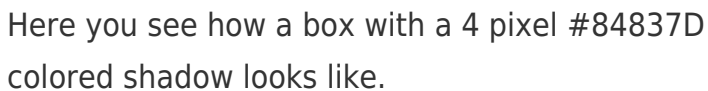
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84837D }
```

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

```
.border{ border-color:#84837D }
```

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



Here you see how a box with a 4 pixel #84837D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84837D; -webkit-box-shadow:4px 4px  
4px 4px #84837D; box-shadow:4px 4px 4px  
4px #84837D }
```

Background

The CSS property to change the background color of an element to Hex 84837D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84837D }
```

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

```
.background{ background-color:#84837D }
```

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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