

Converting Colors

Hex(82837B)

Have a look what the booklet for
Hex(82837B) contains.

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Color

Hex(82837B)

Conversions

Conversions Part 1

Format	Color
Hex	82837B
RGB	130, 131, 123
RGB Percent	51%, 51%, 48%
CMY	0.4902, 0.4863, 0.5176
CMYK	0.01, 0.00, 0.06, 0.49
HSL	67°, 3%, 50%
HSV	67°, 6%, 51%
XYZ	20.8974, 22.4085, 21.9628
YIQ	129.7890, 1.9720, -2.7000

Conversions

Conversions Part 2

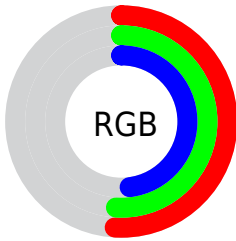
Format	Color
RYB	123, 131, 124
Decimal	8553339
CIELab	54.46, -1.92, 4.19
CIELCh	54, 4.605, 114.630
Yxy	22.4085, 0.3202, 0.3433
Android (android.graphics.Color)	4286743419 (0xFF82837B)
YUV	129.7890, -3.3470, 0.1850
Hunter-Lab	47.3376, -4.0413, 5.6281

Details

The Hex color **82837B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7C7B83**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B7B8AF**, and **51524A** is the 20% darker color. If you saturate the color by 10%, you get **80836E**, and if you desaturate by 10%, it is **848388**.

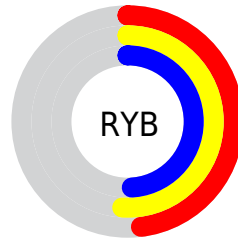
Distribution



Red (51%)

Green (51%)

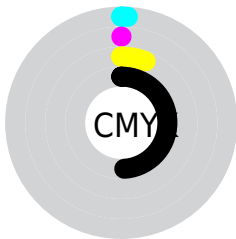
Blue (48%)



Red (48%)

Yellow (51%)

Blue (49%)

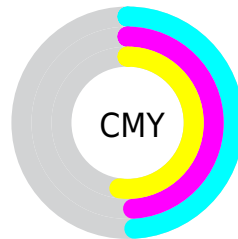


Cyan (1%)

Magenta (0%)

Yellow (6%)

Black (49%)



Cyan (49%)

Magenta (49%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82837B 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 82837B by changing the saturation by 10% instead.

 82837B

 82837B

FFFFFF

 696A62

 B7B8AF

 51524A

 D3D4CB

 3A3B34

 EFF0E7

 24251F

 0F1006

 000000

 82837B

 82837B

 80836E

 848388

 7F8361

 858395

 7D8354

 8783A2

 7B8347

 8983AF

 7A833A

 8A83BD

 78832C

 8C83CA

 77831F

 8D83D7

 758312

 8F83E4

 738305

 9183F1

Harmonies

Analogous

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



86827A



82837B



7D847E

Triad

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



82837B



7A8489



8A8083

Complementary

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



82837B



7C7B83

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.



878087



82837B



7D838A

Square

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



82837B



798585



828189



8B807F

Rectangle

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



82837B



7B8580



828189



898084

Sweetspot

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



82837B



AAABA7



837C7B



565755



D6D6D6



575757

Same Dimension

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



82837B



A9AB9F



7E837B



42423D



728200



020300

Inverse Universe

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



7C7B83



A09FAB



807B83



3E3D42



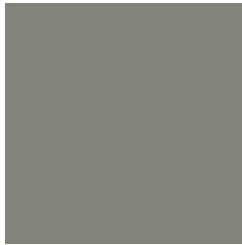
100082



000003

Previews

White Background



This preview shows how the Hex color 82837B looks on a white background.

Color Contrast Check

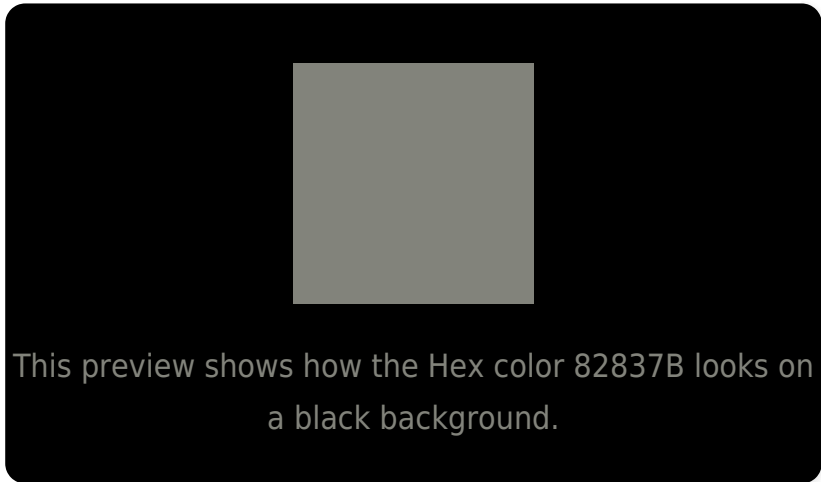
Large Text (above 18pt) WCAG AA ✓ Pass

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

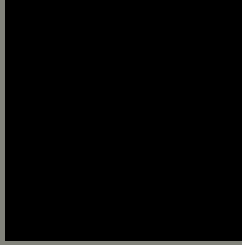
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

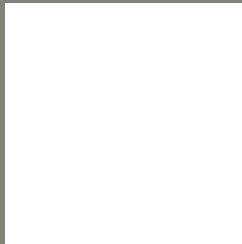
Any Text WCAG AAA × Fail

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

Hex 82837B Background



This preview shows how black text looks on a background with the Hex color 82837B.



This preview shows how white text looks on a background with the Hex color 82837B.

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
82837B

Protanopia
86827A

Deuteranopia
917E7C



Tritanopia
84818B

Trichromacy



Original Color
82837B

Protanomaly
85827A

Deuteranomaly
8C807C

Tritanomaly
838285

Monochromacy



Original Color
82837B

Achromatopsia
828282

Achromatomaly
82827F

CSS Examples

Text

The CSS property to change the color of the text to Hex 82837B 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 #82837B looks like.

```
.text, #text, p{  
    color:#82837B  
}
```

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 #82837B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82837B
}
```

Border

The CSS property to change the border of an element to Hex 82837B is called "border". The border property can be set on classes, ids or directly on the HTML element.

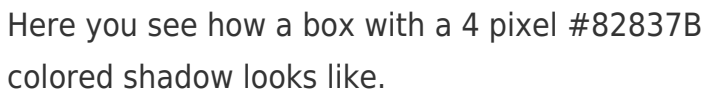
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82837B }
```

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

```
.border{ border-color:#82837B }
```

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



Here you see how a box with a 4 pixel #82837B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82837B; -webkit-box-shadow:4px 4px  
4px 4px #82837B; box-shadow:4px 4px 4px  
4px #82837B }
```

Background

The CSS property to change the background color of an element to Hex 82837B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82837B }
```

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

```
.background{ background-color:#82837B }
```

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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