

Converting Colors

Hex(83887F)

Have a look what the booklet for
Hex(83887F) contains.

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Color

Hex(83887F)

Conversions

Conversions Part 1

Format	Color
Hex	83887F
RGB	131, 136, 127
RGB Percent	51%, 53%, 50%
CMY	0.4863, 0.4667, 0.5020
CMYK	0.04, 0.00, 0.07, 0.47
HSL	93°, 4%, 52%
HSV	93°, 7%, 53%
XYZ	21.9950, 23.9659, 23.5453
YIQ	133.4790, -0.0910, -3.8590

Conversions

Conversions Part 2

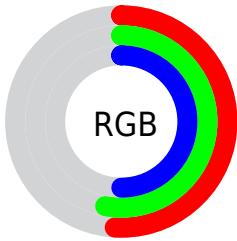
Format	Color
R_{YB}	127, 136, 132
Decimal	8620159
CIE _{Lab}	56.05, -3.60, 4.19
CIE _{LCh}	56, 5.523, 130.734
Yxy	23.9659, 0.3164, 0.3448
Android (android.graphics.Color)	4286810239 (0xFF83887F)
YUV	133.4790, -3.1941, -2.1741
Hunter-Lab	48.9550, -5.4730, 5.7525

Details

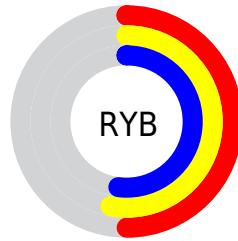
The Hex color **83887F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **847F88**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B8BDB4**, and **52564E** is the 20% darker color. If you saturate the color by 10%, you get **7B8871**, and if you desaturate by 10%, it is **8B888D**.

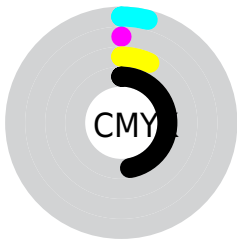
Distribution



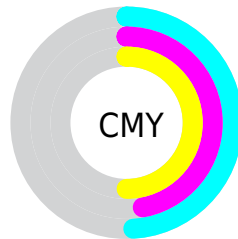
- Red (51%)
- Green (53%)
- Blue (50%)



- Red (50%)
- Yellow (53%)
- Blue (52%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (47%)



- Cyan (49%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83887F 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 83887F by changing the saturation by 10% instead.



83887F



83887F

FFFFFF



6A6F66



B8BDB4



52564E



D4D9CF



3B3F37



F0F5EB



252922



10150C



000000



83887F



83887F



7B8871



8B888D



748864



92889A

6C8856

9A88A8

658849

A188B5

5D883B

A988C3

56882D

B088D1

4E8820

B888DE

478812

BF88EC

3F8805

C788F9

Harmonies

Analogous

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



89877D



83887F



7E8983

Triad

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



83887F



7E888F



918385

Complementary

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



83887F



847F88

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.



8E848A



83887F



848690

Square

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



83887F



7B898C



89858E



908480

Rectangle

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



83887F



7C8986



89858E



908386

Sweetspot

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



83887F



AEB0AC



88847F



585957



D9D9D9



595959

Same Dimension

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



83887F



A8B0A2



7F887F



41453E



3B8500



020500

Inverse Universe

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



847F88



AAA2B0



887F88



423E45



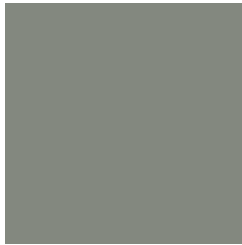
4A0085



030005

Previews

White Background



This preview shows how the Hex color 83887F looks on a white background.

Color Contrast Check

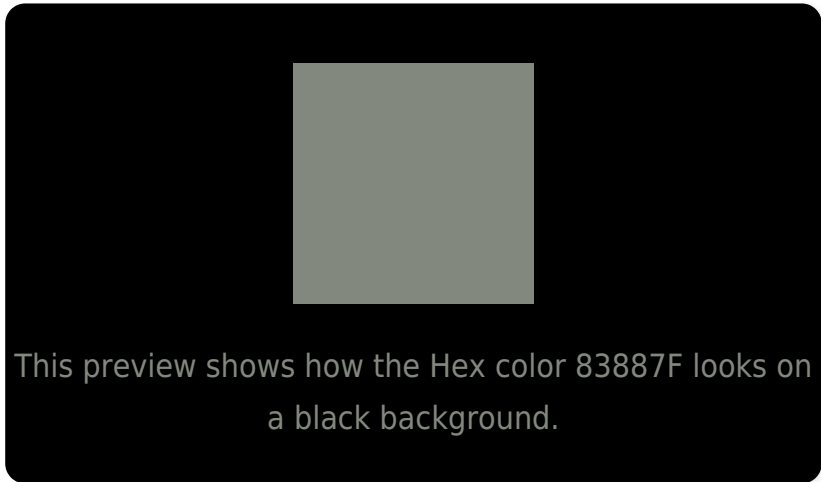
Large Text (above 18pt) WCAG AA ✓ Pass

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

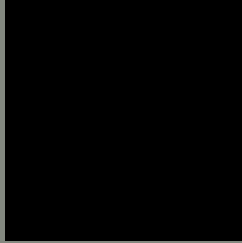
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

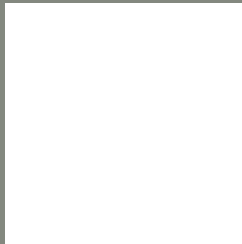
Any Text WCAG AAA × Fail

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

Hex 83887F Background



This preview shows how black text looks on a background with the Hex color 83887F.



This preview shows how white text looks on a background with the Hex color 83887F.

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
83887F

Protanopia
8B867E

Deuteranopia
958280



Tritanopia
868590

Trichromacy



Original Color
83887F

Protanomaly
88877E

Deuteranomaly
8E8480

Tritanomaly
85868A

Monochromacy



Original Color
83887F

Achromatopsia
858585

Achromatomaly
848683

CSS Examples

Text

The CSS property to change the color of the text to Hex 83887F 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 #83887F looks like.

```
.text, #text, p{  
    color:#83887F  
}
```

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 #83887F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83887F
}
```

Border

The CSS property to change the border of an element to Hex 83887F is called "border". The border property can be set on classes, ids or directly on the HTML element.

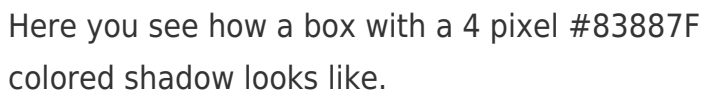
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83887F }
```

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

```
.border{ border-color:#83887F }
```

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



Here you see how a box with a 4 pixel #83887F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83887F; -webkit-box-shadow:4px 4px  
4px 4px #83887F; box-shadow:4px 4px 4px  
4px #83887F }
```

Background

The CSS property to change the background color of an element to Hex 83887F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83887F }
```

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

```
.background{ background-color:#83887F }
```

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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