

Converting Colors

Hex(87807B)

Have a look what the booklet for
Hex(87807B) contains.

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Color

Hex(87807B)

Conversions

Conversions Part 1

Format	Color
Hex	87807B
RGB	135, 128, 123
RGB Percent	53%, 50%, 48%
CMY	0.4706, 0.4980, 0.5176
CMYK	0.00, 0.05, 0.09, 0.47
HSL	25°, 5%, 51%
HSV	25°, 9%, 53%
XYZ	21.2860, 22.0193, 21.8671
YIQ	129.5230, 5.7770, -0.0710

Conversions

Conversions Part 2

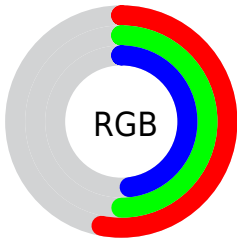
Format	Color
R_{YB}	135, 132, 123
Decimal	8880251
CIE Lab	54.05, 1.71, 3.65
CIE LCh	54, 4.029, 64.909
Yxy	22.0193, 0.3266, 0.3379
Android (android.graphics.Color)	4287070331 (0xFF87807B)
YUV	129.5230, -3.2158, 4.8033
Hunter-Lab	46.9247, -1.1471, 5.2179

Details

The Hex color **87807B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7B8287**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **BCB5AF**, and **554F4A** is the 20% darker color. If you saturate the color by 10%, you get **87786E**, and if you desaturate by 10%, it is **878889**.

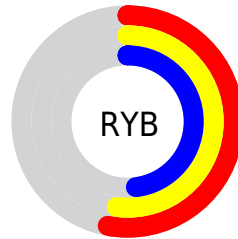
Distribution



Red (53%)

Green (50%)

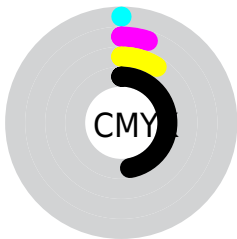
Blue (48%)



Red (53%)

Yellow (52%)

Blue (48%)

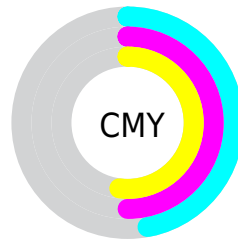


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (47%)



Cyan (47%)

Magenta (50%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87807B 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 87807B by changing the saturation by 10% instead.



87807B



87807B

FFFFFF



6E6762



BCB5AF



554F4A



D8D0CB



3E3834



F4EDE7



28231F



140D06



000000



87807B



87807B



87786E



878889



877060



879096

876853

8798A3

876045

87A0B1

875938

87A7BF

87512A

87AFCC

87491D

87B7DA

87410F

87BFE7

873902

87C7F5

Harmonies

Analogous

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



897F7D



87807B



84817A

Triad

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



87807B



798382



838087

Complementary

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



87807B



7B8287

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.



7E8188



87807B



798385

Square

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



87807B



7C837E



7B8287



867F84

Rectangle

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



87807B



81827B



7B8287



818187

Sweetspot

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



87807B



B0ADAB



877B82



595756



D9D9D9



595959

Same Dimension

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



87807B



B0A59D



87867B



423E3C



823600



030100

Inverse Universe

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



7B8287



9DA8B0



7B7C87



3C4042



004C82



000103

Previews

White Background



This preview shows how the Hex color 87807B looks on a white background.

Color Contrast Check

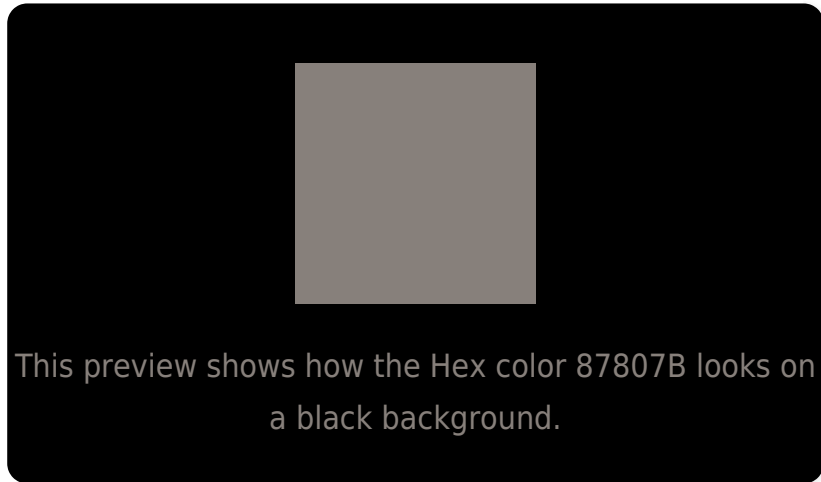
Large Text (above 18pt) WCAG AA ✓ Pass

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

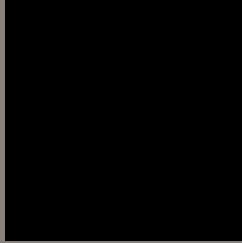
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

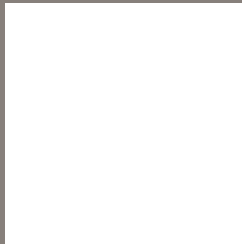
Any Text WCAG AAA × Fail

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

Hex 87807B Background



This preview shows how black text looks on a background with the Hex color 87807B.



This preview shows how white text looks on a background with the Hex color 87807B.

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
87807B

Protanopia
85817B

Deuteranopia
907D7C



Tritanopia
897E88

Trichromacy



Original Color
87807B

Protanomaly
86817B

Deuteranomaly
8D7E7C

Tritanomaly
887F83

Monochromacy



Original Color
87807B

Achromatopsia
828282

Achromatomaly
84817F

CSS Examples

Text

The CSS property to change the color of the text to Hex 87807B 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 #87807B looks like.

```
.text, #text, p{  
    color:#87807B  
}
```

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 #87807B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87807B
}
```

Border

The CSS property to change the border of an element to Hex 87807B is called "border". The border property can be set on classes, ids or directly on the HTML element.

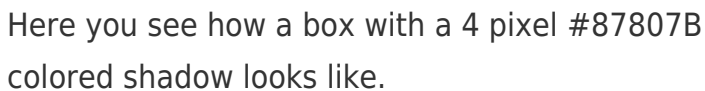
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87807B }
```

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

```
.border{ border-color:#87807B }
```

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



Here you see how a box with a 4 pixel #87807B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87807B; -webkit-box-shadow:4px 4px  
4px 4px #87807B; box-shadow:4px 4px 4px  
4px #87807B }
```

Background

The CSS property to change the background color of an element to Hex 87807B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87807B }
```

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

```
.background{ background-color:#87807B }
```

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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