

Converting Colors

Hex(87807C)

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

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Color

Hex(87807C)

Conversions

Conversions Part 1

Format	Color
Hex	87807C
RGB	135, 128, 124
RGB Percent	53%, 50%, 49%
CMY	0.4706, 0.4980, 0.5137
CMYK	0.00, 0.05, 0.08, 0.47
HSL	22°, 4%, 51%
HSV	22°, 8%, 53%
XYZ	21.3489, 22.0445, 22.1986
YIQ	129.6370, 5.4560, 0.2400

Conversions

Conversions Part 2

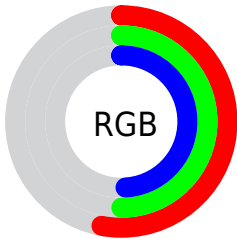
Format	Color
RYB	135, 130, 124
Decimal	8880252
CIELab	54.07, 1.89, 3.11
CIELCh	54, 3.637, 58.647
Yxy	22.0445, 0.3255, 0.3361
Android (android.graphics.Color)	4287070332 (0xFF87807C)
YUV	129.6370, -2.7790, 4.7034
Hunter-Lab	46.9515, -1.0010, 4.8339

Details

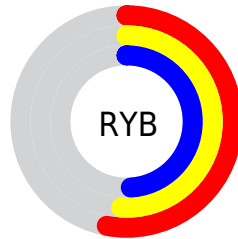
The Hex color **87807C** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7C8387**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **BCB5B0**, and **554F4B** is the 20% darker color. If you saturate the color by 10%, you get **87776E**, and if you desaturate by 10%, it is **87898A**.

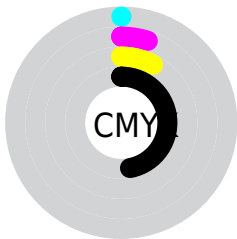
Distribution



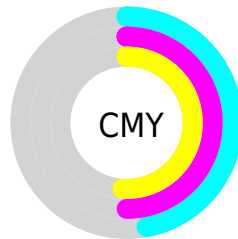
- Red (53%)
- Green (50%)
- Blue (49%)



- Red (53%)
- Yellow (51%)
- Blue (49%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (47%)



- Cyan (47%)
- Magenta (50%)
- Yellow (51%)
- Black (4%)

Brightness & Saturation Gradients

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



87807C



87807C

FFFFFF



6E6763



BCB5B0



554F4B



D8D0CC



3E3835



F4EDE8



282320



140D07



000000



87807C



87807C



87776E



87898A



876F61



879197

 876654

 879AA5

 875E46

 87A2B2

 875539

 87ABC0

 874C2B

 87B4CD

 87441D

 87BCDB

 873B10

 87C5E8

 873302

 87CDF5

Harmonies

Analogous

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



887F7E



87807C



84817B

Triad

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



87807C



7B8381



828187

Complementary

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



87807C



7C8387

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.



7E8287



87807C



7A8384

Square

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



87807C



7D837E



7B8286



858085

Rectangle

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



87807C



82827B



7B8286



818187

Sweetspot

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



87807C



B0AEAC



877C83



595857



D9D9D9



595959

Same Dimension

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



87807C



B0A59E



87857C



423E3C



822F00



030100

Inverse Universe

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



7C8387



9EAAB0



7C7E87



3C4042



005382



000203

Previews

White Background



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

Color Contrast Check

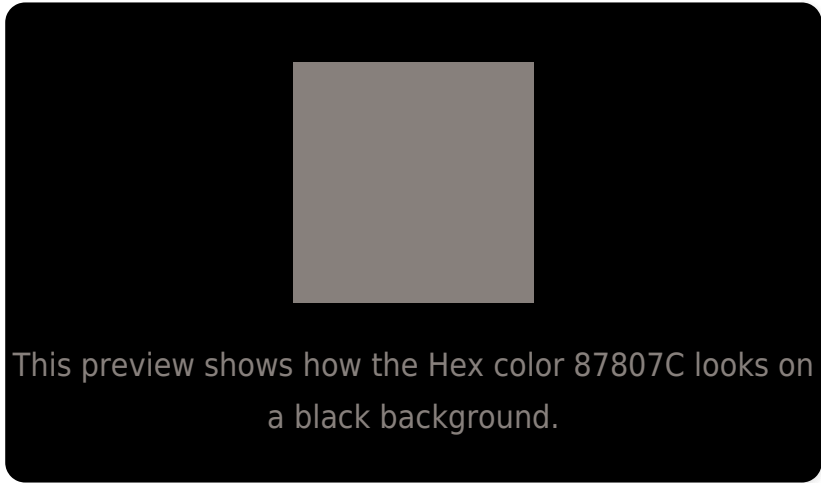
Large Text (above 18pt) WCAG AA ✓ Pass

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

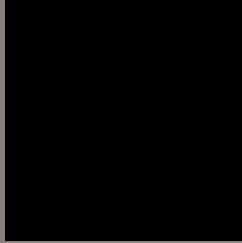
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

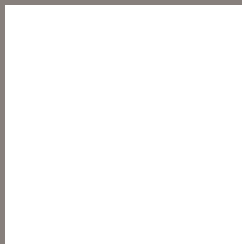
Any Text WCAG AAA × Fail

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

Hex 87807C Background



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



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

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
87807C

Protanopia
85817C

Deuteranopia
8F7D7D



Tritanopia
897E88

Trichromacy



Original Color
87807C

Protanomaly
86817C

Deuteranomaly
8C7E7D

Tritanomaly
887F84

Monochromacy



Original Color
87807C

Achromatopsia
828282

Achromatomaly
848180

CSS Examples

Text

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

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

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 #87807C colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 87807C 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
#87807C }
```

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

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

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

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

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

Background

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

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

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

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

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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