

Converting Colors

Hex(87877D)

Have a look what the booklet for
Hex(87877D) contains.

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Color

Hex(87877D)

Conversions

Conversions Part 1

Format	Color
Hex	87877D
RGB	135, 135, 125
RGB Percent	53%, 53%, 49%
CMY	0.4706, 0.4706, 0.5098
CMYK	0.00, 0.00, 0.07, 0.47
HSL	60°, 4%, 51%
HSV	60°, 7%, 53%
XYZ	22.3573, 23.9595, 22.8483
YIQ	133.8600, 3.2100, -3.1100

Conversions

Conversions Part 2

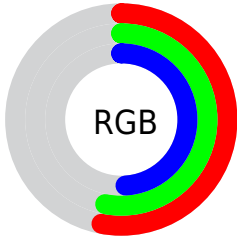
Format	Color
RYB	125, 135, 125
Decimal	8882045
CIELab	56.05, -1.90, 5.37
CIELCh	56, 5.697, 109.485
Yxy	23.9595, 0.3232, 0.3464
Android (android.graphics.Color)	4287072125 (0xFF87877D)
YUV	133.8600, -4.3680, 0.9998
Hunter-Lab	48.9485, -4.1295, 6.5883

Details

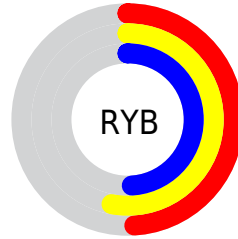
The Hex color **87877D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7D7D87**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **BCBCB2**, and **55554C** is the 20% darker color. If you saturate the color by 10%, you get **87876F**, and if you desaturate by 10%, it is **87878B**.

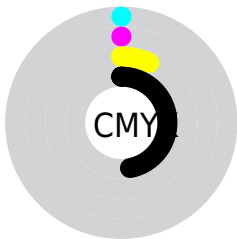
Distribution



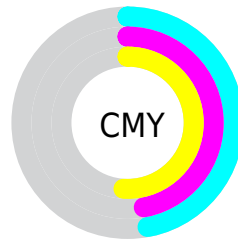
- Red (53%)
- Green (53%)
- Blue (49%)



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



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



- Cyan (47%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87877D 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 87877D by changing the saturation by 10% instead.



87877D



87877D

FFFFFF



6E6E64



BCBCB2



55554C



D8D8CD



3E3E35



F4F4E9



282820



141409



000000



87877D



87877D



87876F



87878B



878762



878798

 878755

 8787A6

 878747

 8787B3

 87873A

 8787C1

 87872C

 8787CE

 87871E

 8787DB

 878711

 8787E9

 878703

 8787F7

Harmonies

Analogous

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



8C857D



87877D



818880

Triad

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



87877D



7B898E



908388

Complementary

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



87877D



7D7D87

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.



8B848D



87877D



7F8790

Square

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



87877D



7A8989



858690



918383

Rectangle

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



87877D



7E8983



858690



8E838A

Sweetspot

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



87877D



B0B0AC



877D7D



595957



D9D9D9



595959

Same Dimension

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



87877D



B0B0A0



82877D



42423C



828200



030300

Inverse Universe

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



7D7D87



A0A0B0



827D87



3C3C42



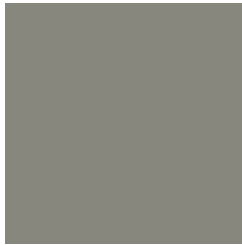
000082



000003

Previews

White Background



This preview shows how the Hex color 87877D looks on a white background.

Color Contrast Check

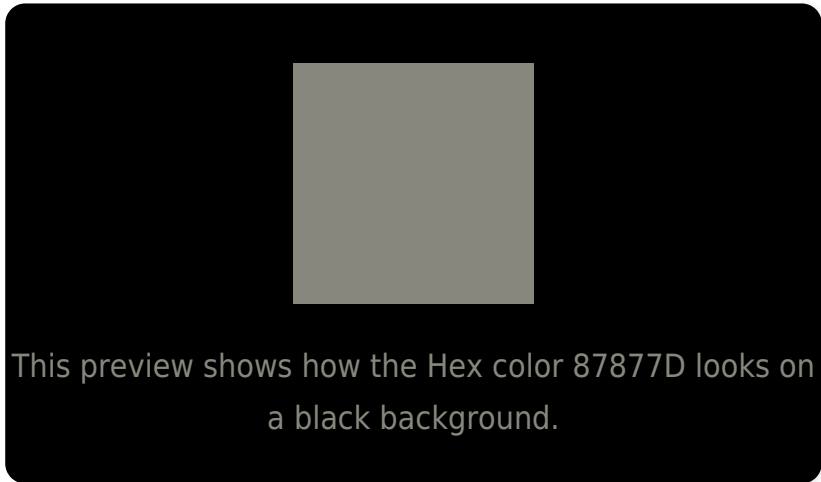
Large Text (above 18pt) WCAG AA ✓ Pass

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

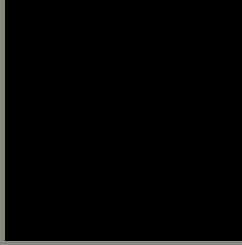
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

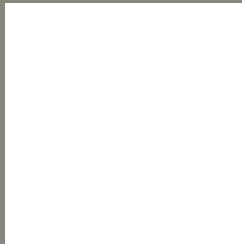
Any Text WCAG AAA × Fail

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

Hex 87877D Background



This preview shows how black text looks on a background with the Hex color 87877D.



This preview shows how white text looks on a background with the Hex color 87877D.

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
87877D

Protanopia
8B867C

Deuteranopia
96827E



Tritanopia
8A848F

Trichromacy



Original Color
87877D

Protanomaly
8A867C

Deuteranomaly
91847E

Tritanomaly
898588

Monochromacy



Original Color
87877D

Achromatopsia
868686

Achromatomaly
868683

CSS Examples

Text

The CSS property to change the color of the text to Hex 87877D 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 #87877D looks like.

```
.text, #text, p{  
    color:#87877D  
}
```

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 #87877D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87877D
}
```

Border

The CSS property to change the border of an element to Hex 87877D 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
#87877D }
```

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

```
.border{ border-color:#87877D }
```

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

Here you see how a box with a 4 pixel #87877D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87877D; -webkit-box-shadow:4px 4px  
4px 4px #87877D; box-shadow:4px 4px 4px  
4px #87877D }
```

Background

The CSS property to change the background color of an element to Hex 87877D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87877D }
```

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

```
.background{ background-color:#87877D }
```

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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