

Converting Colors

Hex(87756D)

Have a look what the booklet for
Hex(87756D) contains.

Hex(87756D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(87756D)

Conversions

Conversions Part 1

Format	Color
Hex	87756D
RGB	135, 117, 109
RGB Percent	53%, 46%, 43%
CMY	0.4706, 0.5412, 0.5725
CMYK	0.00, 0.13, 0.19, 0.47
HSL	18°, 11%, 48%
HSV	18°, 19%, 53%
XYZ	19.1133, 18.9776, 17.1237
YIQ	121.4700, 13.2960, 1.3280

Conversions

Conversions Part 2

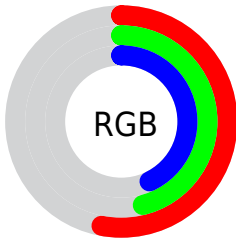
Format	Color
R_{YB}	135, 121, 109
Decimal	8877421
CIE Lab	50.66, 5.60, 6.98
CIE LCh	51, 8.948, 51.244
Yxy	18.9776, 0.3462, 0.3437
Android (android.graphics.Color)	4287067501 (0xFF87756D)
YUV	121.4700, -6.1477, 11.8658
Hunter-Lab	43.5633, 2.0807, 7.1889

Details

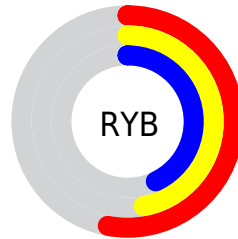
The Hex color **87756D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6D7F87**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **BCA9A0**, and **55453E** is the 20% darker color. If you saturate the color by 10%, you get **876C5F**, and if you desaturate by 10%, it is **877E7A**.

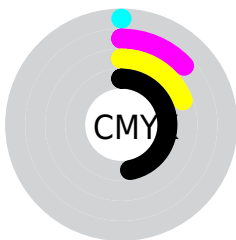
Distribution



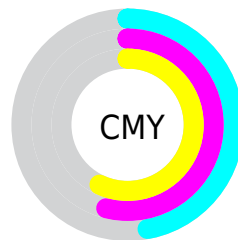
- Red (53%)
- Green (46%)
- Blue (43%)



- Red (53%)
- Yellow (47%)
- Blue (43%)



- Cyan (0%)
- Magenta (13%)
- Yellow (19%)
- Black (47%)



- Cyan (47%)
- Magenta (54%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87756D 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 87756D by changing the saturation by 10% instead.

 87756D

 87756D

FFFFFF

 6E5C55

 BCA9A0

 55453E


 D8C4BB

 3D2F28

 F5E0D7

 271A13

 FFFDF4

 110000

 000000

 87756D

 87756D

 876C5F

 877E7A

 876252

 878888

875944

879196

875037

879AA3

874629

87A4B1

873D1C

87ADBE

87340E

87B6CB

872A01

87C0D9

872A00

87C9E6

Harmonies

Analogous

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



897473



87756D



81776A

Triad

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



87756D



697D76



777787

Complementary

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



87756D



6D7F87

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.



6E7A87



87756D



657D7E

Square

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



87756D



707C6F



677C84



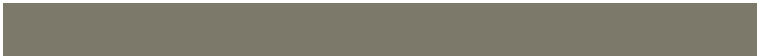
807582

Rectangle

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



87756D



7C796A



677C84



747887

Sweetspot

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



87756D



B0A9A5



876D7F



595553



D9D9D9



595959

Same Dimension

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



87756D



B09487



87826D



423E3C



822800



030100

Inverse Universe

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



6D7F87



87A3B0



6D7287



3C4042



005A82



000203

Previews

White Background



This preview shows how the Hex color 87756D looks on a white background.

Color Contrast Check

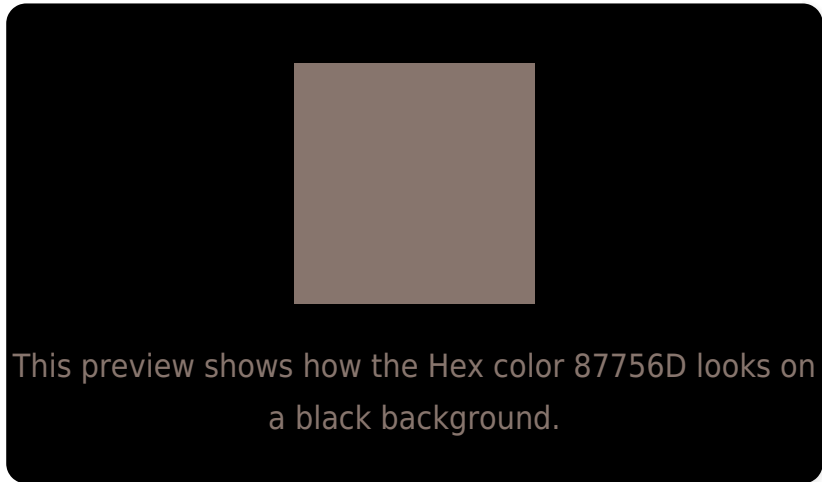
Large Text (above 18pt) WCAG AA ✓ Pass

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 87756D Background



This preview shows how black text looks on a background with the Hex color 87756D.

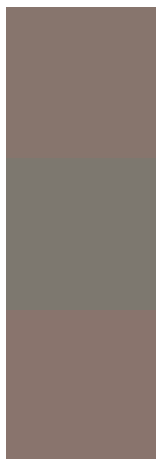


This preview shows how white text looks on a background with the Hex color 87756D.

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
87756D

Protanopia
7D786F

Deuteranopia
89746D



Tritanopia
89737C

Trichromacy



Original Color
87756D

Protanomaly
81776E

Deuteranomaly
88746D

Tritanomaly
887477

Monochromacy



Original Color
87756D

Achromatopsia
797979

Achromatomaly
7E7875

CSS Examples

Text

The CSS property to change the color of the text to Hex 87756D 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 #87756D looks like.

```
.text, #text, p{  
    color:#87756D  
}
```

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 #87756D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87756D
}
```

Border

The CSS property to change the border of an element to Hex 87756D is called "border". The border property can be set on classes, ids or directly on the HTML element.

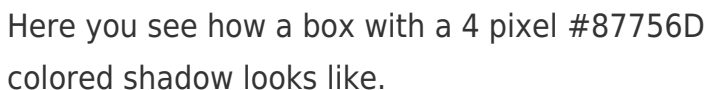
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87756D }
```

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

```
.border{ border-color:#87756D }
```

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



Here you see how a box with a 4 pixel #87756D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87756D; -webkit-box-shadow:4px 4px  
4px 4px #87756D; box-shadow:4px 4px 4px  
4px #87756D }
```

Background

The CSS property to change the background color of an element to Hex 87756D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87756D }
```

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

```
.background{ background-color:#87756D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor