

Converting Colors

Hex(89766F)

Have a look what the booklet for
Hex(89766F) contains.

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Color

Hex(89766F)

Conversions

Conversions Part 1

Format	Color
Hex	89766F
RGB	137, 118, 111
RGB Percent	54%, 46%, 44%
CMY	0.4627, 0.5373, 0.5647
CMYK	0.00, 0.14, 0.19, 0.46
HSL	16°, 10%, 49%
HSV	16°, 19%, 54%
XYZ	19.6642, 19.4229, 17.7515
YIQ	122.8830, 13.5710, 1.8510

Conversions

Conversions Part 2

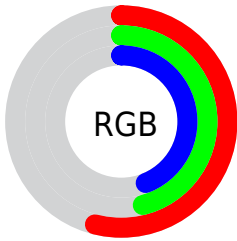
Format	Color
R_{YB}	137, 121, 111
Decimal	9008751
CIE Lab	51.18, 6.16, 6.57
CIE LCh	51, 9.003, 46.832
Yxy	19.4229, 0.3460, 0.3417
Android (android.graphics.Color)	4287198831 (0xFF89766F)
YUV	122.8830, -5.8583, 12.3806
Hunter-Lab	44.0715, 2.5197, 6.9686

Details

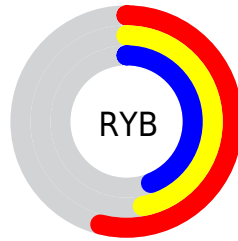
The Hex color **89766F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F8289**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **BFAAA3**, and **57463F** is the 20% darker color. If you saturate the color by 10%, you get **896C61**, and if you desaturate by 10%, it is **89807D**.

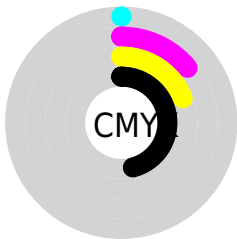
Distribution



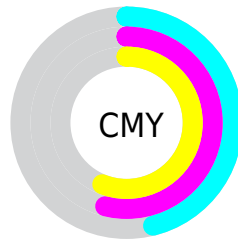
- Red (54%)
- Green (46%)
- Blue (44%)



- Red (54%)
- Yellow (47%)
- Blue (44%)



- Cyan (0%)
- Magenta (14%)
- Yellow (19%)
- Black (46%)



- Cyan (46%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89766F 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 89766F by changing the saturation by 10% instead.



89766F



89766F

FFFFFF



6F5D57



BFAAA3



57463F



DBC5BE



3F2F29



F7E1D9



291B15



FFFEF6



140000



000000



89766F



89766F



896C61



89807D



896254



898A8A

■ 895846

■ 899498

■ 894E38

■ 899EA6

■ 89442B

■ 89A8B3

■ 893A1D

■ 89B2C1

■ 89300F

■ 89BCCF

■ 892601

■ 89C6DD

■ 892500

■ 89D0EA

Harmonies

Analogous

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



8B7576



89766F



84786B

Triad

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



89766F



6B7E76



777988

Complementary

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



89766F



6F8289

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.



6E7C89



89766F



677E7E

Square

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



89766F



737D6F



687E85



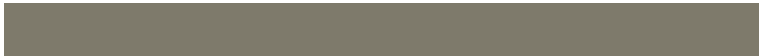
817784

Rectangle

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



89766F



7E7A6B



687E85



747A89

Sweetspot

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



89766F



B3ABA8



896F82



595553



D9D9D9



595959

Same Dimension

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



89766F



B39489



89836F



45403E



852400



050100

Inverse Universe

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



6F8289



89A7B3



6F7589



3E4345



006185



000405

Previews

White Background



This preview shows how the Hex color 89766F looks on a white background.

Color Contrast Check

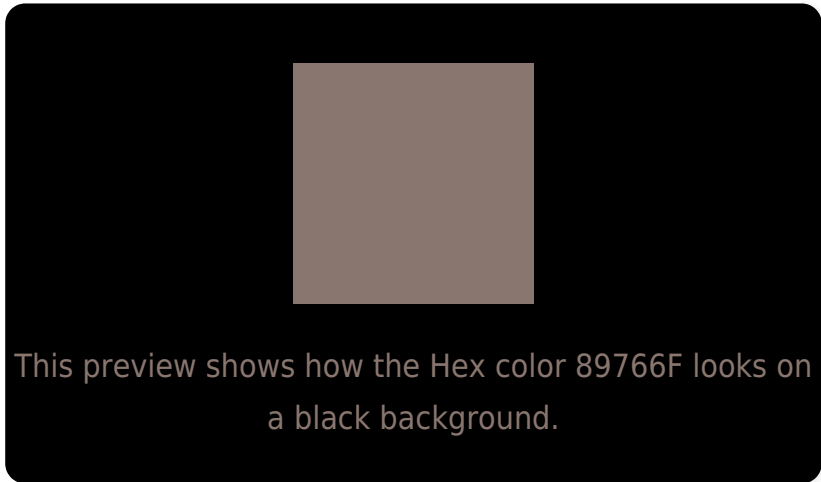
Large Text (above 18pt) WCAG AA ✓ Pass

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

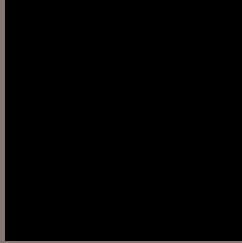
Any Text WCAG AA ✓ Pass

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 89766F Background



This preview shows how black text looks on a background with the Hex color 89766F.

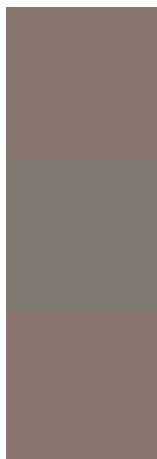


This preview shows how white text looks on a background with the Hex color 89766F.

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
89766F

Protanopia
7E7A71

Deuteranopia
8A766F



Tritanopia
8B747D

Trichromacy



Original Color
89766F

Protanomaly
827970

Deuteranomaly
8A766F

Tritanomaly
8A7578

Monochromacy



Original Color
89766F

Achromatopsia
7B7B7B

Achromatomaly
807977

CSS Examples

Text

The CSS property to change the color of the text to Hex 89766F 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 #89766F looks like.

```
.text, #text, p{  
    color:#89766F  
}
```

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 #89766F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89766F
}
```

Border

The CSS property to change the border of an element to Hex 89766F is called "border". The border property can be set on classes, ids or directly on the HTML element.

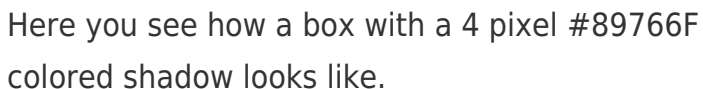
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#89766F }
```

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

```
.border{ border-color:#89766F }
```

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



Here you see how a box with a 4 pixel #89766F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89766F; -webkit-box-shadow:4px 4px  
4px 4px #89766F; box-shadow:4px 4px 4px  
4px #89766F }
```

Background

The CSS property to change the background color of an element to Hex 89766F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89766F }
```

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

```
.background{ background-color:#89766F }
```

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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