

Converting Colors

Hex(85766A)

Have a look what the booklet for
Hex(85766A) contains.

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Color

Hex(85766A)

Conversions

Conversions Part 1

Format	Color
Hex	85766A
RGB	133, 118, 106
RGB Percent	52%, 46%, 42%
CMY	0.4784, 0.5373, 0.5843
CMYK	0.00, 0.11, 0.20, 0.48
HSL	27°, 11%, 47%
HSV	27°, 20%, 52%
XYZ	18.7528, 18.9840, 16.3116
YIQ	121.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

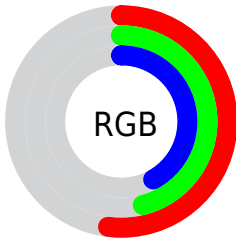
Format	Color
R_{YB}	133, 128, 106
Decimal	8746602
CIE Lab	50.67, 3.72, 8.73
CIE LCh	51, 9.483, 66.931
Yxy	18.9840, 0.3470, 0.3512
Android (android.graphics.Color)	4286936682 (0xFF85766A)
YUV	121.1170, -7.4527, 10.4214
Hunter-Lab	43.5707, 0.5778, 8.3030

Details

The Hex color **85766A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A7985**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **BAAA9D**, and **53463B** is the 20% darker color. If you saturate the color by 10%, you get **856F5D**, and if you desaturate by 10%, it is **857D77**.

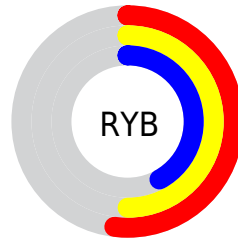
Distribution



Red (52%)

Green (46%)

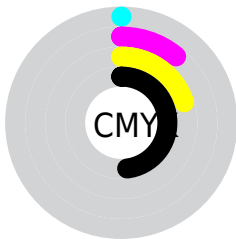
Blue (42%)



Red (52%)

Yellow (50%)

Blue (42%)

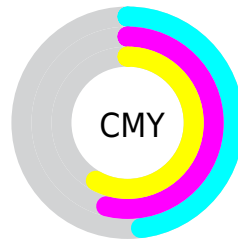


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (48%)



Cyan (48%)

Magenta (54%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85766A 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 85766A by changing the saturation by 10% instead.

 85766A

 85766A

FFFFFF

 6C5D52

 BAAA9D

 53463B

 D6C5B8

 3C2F25

 F3E1D4

 261B10

 FFFEF0

 0D0000

 000000

 85766A

 85766A

 856F5D

 857D77

 85674F

 858585

 856042

 858C92

 855835

 85949F

 855127

 859BAD

 854A1A

 85A2BA

 85420D

 85AAC7

 853B00

 85B1D4

 85B9E2

Harmonies

Analogous

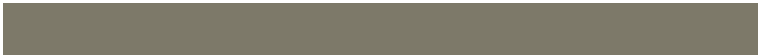
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89746F



85766A



7D7969

Triad

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



85766A



657D7A



7D7686

Complementary

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



85766A



6A7985

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.



727988



85766A



647D82

Square

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



85766A



6B7D72



697B87



85747F

Rectangle

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



85766A



777A6A



697B87



797787

Sweetspot

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



85766A



ADA8A3



856A79



575351



D6D6D6



575757

Same Dimension

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



85766A



AD9684



85836A



423F3C



823A00



030100

Inverse Universe

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



6A7985



849BAD



6A6C85



3C3F42



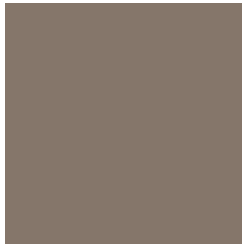
004882



000103

Previews

White Background



This preview shows how the Hex color 85766A looks on a white background.

Color Contrast Check

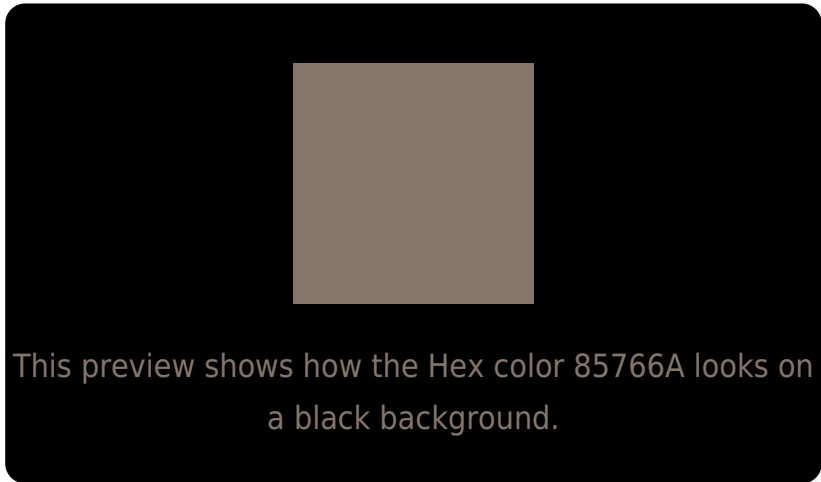
Large Text (above 18pt) WCAG AA ✓ Pass

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

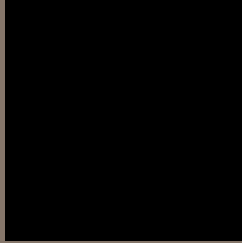
Any Text WCAG AA ✓ Pass

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 85766A Background



This preview shows how black text looks on a background with the Hex color 85766A.



This preview shows how white text looks on a background with the Hex color 85766A.

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


85766A

Protanopia

7E786B

Deuteranopia

8A746A



Tritanopia
87737C

Trichromacy



Original Color
85766A

Protanomaly
81776B

Deuteranomaly
88756A

Tritanomaly
867475

Monochromacy



Original Color
85766A

Achromatopsia
797979

Achromatomaly
7D7874

CSS Examples

Text

The CSS property to change the color of the text to Hex 85766A 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 #85766A looks like.

```
.text, #text, p{  
    color:#85766A  
}
```

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 #85766A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85766A
}
```

Border

The CSS property to change the border of an element to Hex 85766A is called "border". The border property can be set on classes, ids or directly on the HTML element.

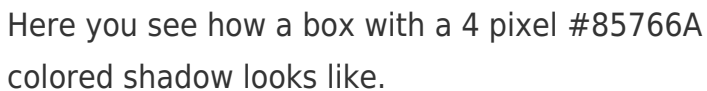
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85766A }
```

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

```
.border{ border-color:#85766A }
```

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



Here you see how a box with a 4 pixel #85766A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85766A; -webkit-box-shadow:4px 4px  
4px 4px #85766A; box-shadow:4px 4px 4px  
4px #85766A }
```

Background

The CSS property to change the background color of an element to Hex 85766A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85766A }
```

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

```
.background{ background-color:#85766A }
```

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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