

Converting Colors

Hex(86735D)

Have a look what the booklet for
Hex(86735D) contains.

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Color

Hex(86735D)

Conversions

Conversions Part 1

Format	Color
Hex	86735D
RGB	134, 115, 93
RGB Percent	53%, 45%, 36%
CMY	0.4745, 0.5490, 0.6353
CMYK	0.00, 0.14, 0.31, 0.47
HSL	32°, 18%, 45%
HSV	32°, 31%, 53%
XYZ	17.9380, 18.1201, 12.9080
YIQ	118.1730, 18.3860, -2.8140

Conversions

Conversions Part 2

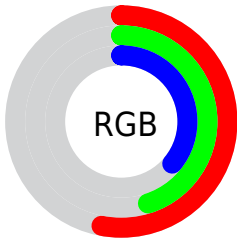
Format	Color
R_{YB}	128, 134, 93
Decimal	8811357
CIE _{Lab}	49.64, 3.86, 14.93
CIE _{LCh}	50, 15.418, 75.483
Yxy	18.1201, 0.3663, 0.3701
Android (android.graphics.Color)	4287001437 (0xFF86735D)
YUV	118.1730, -12.4103, 13.8803
Hunter-Lab	42.5677, 0.7264, 11.8186

Details

The Hex color **86735D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5D7086**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **BCA78F**, and **54432F** is the 20% darker color. If you saturate the color by 10%, you get **866D50**, and if you desaturate by 10%, it is **86796A**.

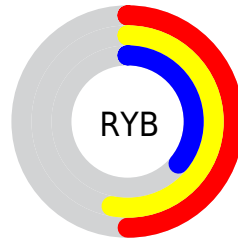
Distribution



Red (53%)

Green (45%)

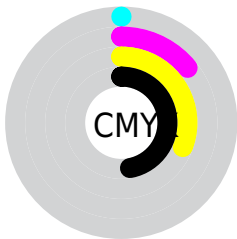
Blue (36%)



Red (50%)

Yellow (53%)

Blue (36%)

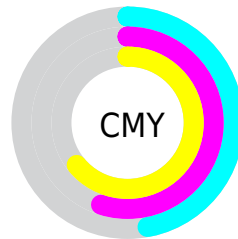


Cyan (0%)

Magenta (14%)

Yellow (31%)

Black (47%)



Cyan (47%)

Magenta (55%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86735D 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 86735D by changing the saturation by 10% instead.

 86735D

 86735D

FFFFFF

 6C5A45

 BCA78F

 54432F

 D8C2AA

 3C2D1A

 F4DEC5

 261800

 FFFAE1

 060000

FFFFFFE

 000000

 86735D

 86735D

 866D50

 86796A

 866742

 867F78

■ 866035

■ 868685

■ 865A27

■ 868C93

■ 86541A

■ 8692A0

■ 864E0D

■ 8698AD

■ 864800

■ 869EBB

■ 86A5C8

■ 86ABD6

Harmonies

Analogous

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



8F6F64



86735D



79775D

Triad

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



86735D



537E7D



817088

Complementary

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



86735D



5D7086

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.



70758F



86735D



547C88

Square

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



86735D



5C7D6F



5F798F



8C6D7D

Rectangle

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



86735D



6F7A61



5F798F



7B728B

Sweetspot

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



86735D



ADA69E



865D70



57524D



D6D6D6



575757

Same Dimension

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



86735D



AD906D



85865D



423F3C



824600



030100

Inverse Universe

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



5D7086



6D8BAD



5E5D86



3C3F42



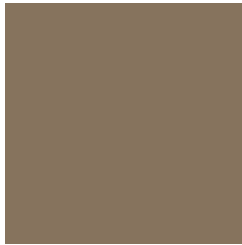
003C82



000103

Previews

White Background



This preview shows how the Hex color 86735D looks on a white background.

Color Contrast Check

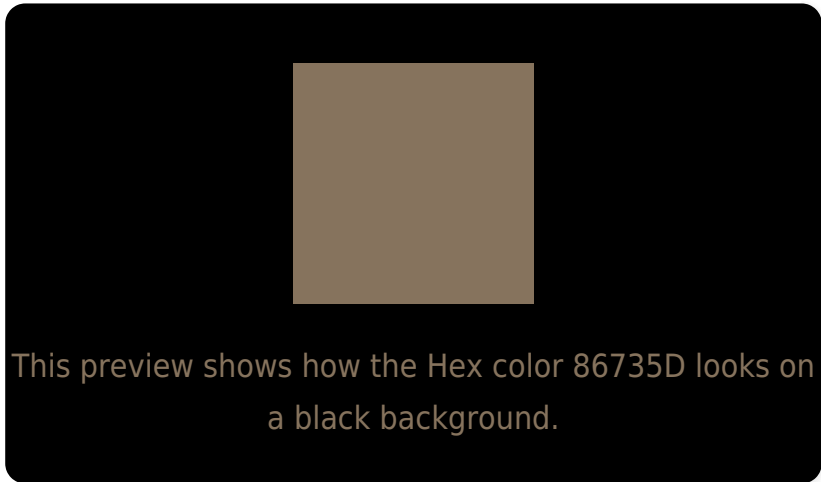
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

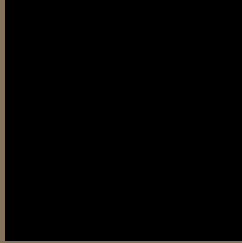
Any Text WCAG AA ✓ Pass

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 86735D Background



This preview shows how black text looks on a background with the Hex color 86735D.



This preview shows how white text looks on a background with the Hex color 86735D.

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
86735D

Protanopia
7E765E

Deuteranopia
8A715D



Tritanopia
896F78

Trichromacy



Original Color
86735D

Protanomaly
81755E

Deuteranomaly
89725D

Tritanomaly
88706E

Monochromacy



Original Color
86735D

Achromatopsia
767676

Achromatomaly
7C756D

CSS Examples

Text

The CSS property to change the color of the text to Hex 86735D 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 #86735D looks like.

```
.text, #text, p{  
    color:#86735D  
}
```

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 #86735D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86735D
}
```

Border

The CSS property to change the border of an element to Hex 86735D is called "border". The border property can be set on classes, ids or directly on the HTML element.

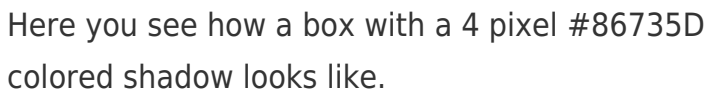
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86735D }
```

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

```
.border{ border-color:#86735D }
```

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



Here you see how a box with a 4 pixel #86735D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86735D; -webkit-box-shadow:4px 4px  
4px 4px #86735D; box-shadow:4px 4px 4px  
4px #86735D }
```

Background

The CSS property to change the background color of an element to Hex 86735D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86735D }
```

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

```
.background{ background-color:#86735D }
```

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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