

Converting Colors

Hex(77806E)

Have a look what the booklet for
Hex(77806E) contains.

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Color

Hex(77806E)

Conversions

Conversions Part 1

Format	Color
Hex	77806E
RGB	119, 128, 110
RGB Percent	47%, 50%, 43%
CMY	0.5333, 0.4980, 0.5686
CMYK	0.07, 0.00, 0.14, 0.50
HSL	90°, 8%, 47%
HSV	90°, 14%, 50%
XYZ	18.1414, 20.4861, 17.7499
YIQ	123.2570, 0.4140, -7.5060

Conversions

Conversions Part 2

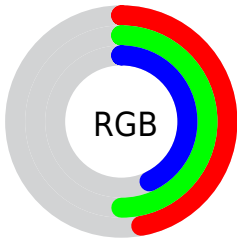
Format	Color
R_{YB}	110, 128, 119
Decimal	7831662
CIE _{Lab}	52.38, -6.87, 8.65
CIE _{LCh}	52, 11.043, 128.472
Yxy	20.4861, 0.3218, 0.3634
Android (android.graphics.Color)	4286021742 (0xFF77806E)
YUV	123.2570, -6.5357, -3.7334
Hunter-Lab	45.2615, -7.6627, 8.4317

Details

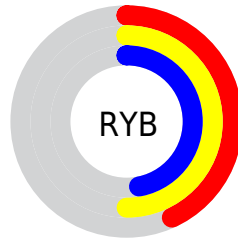
The Hex color **77806E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **776E80**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **ABB5A2**, and **474F3E** is the 20% darker color. If you saturate the color by 10%, you get **718061**, and if you desaturate by 10%, it is **7D807B**.

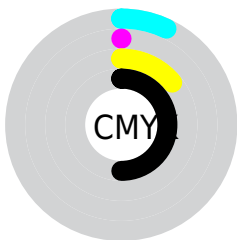
Distribution



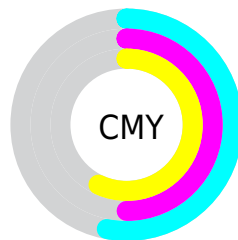
- Red (47%)
- Green (50%)
- Blue (43%)



- Red (43%)
- Yellow (50%)
- Blue (47%)



- Cyan (7%)
- Magenta (0%)
- Yellow (14%)
- Black (50%)



- Cyan (53%)
- Magenta (50%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77806E 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 77806E by changing the saturation by 10% instead.

 77806E

 77806E

FFFFFF

 5E6756

 ABB5A2

 474F3E

 C7D0BD

 303828

 E3EDD8

 1B2314


 FFFFF5

 000D00

 000000

 77806E

 77806E

 718061

 7D807B

 6A8054

 848088

■ 648048

■ 8A8094

■ 5D803B

■ 9180A1

■ 57802E

■ 9780AE

■ 518021

■ 9D80BB

■ 4A8014

■ A480C8

■ 448008

■ AA80D4

■ 408000

■ B180E1

Harmonies

Analogous

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



827D6A



77806E



6D8276

Triad

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



77806E



6B808E



91767B

Complementary

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



77806E



776E80

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.



8C7784



77806E



767D90

Square

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



77806E



658288



827A8C



907872

Rectangle

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



77806E



68837C



827A8C



90777E

Sweetspot

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



77806E



A2A69F



80776E



525450



D4D4D4



545454

Same Dimension

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



77806E



98A68A



6E806E



3D4039



408000



000000

Inverse Universe

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



776E80



988AA6



806E80



3D3940



400080



000000

Previews

White Background



This preview shows how the Hex color 77806E looks on a white background.

Color Contrast Check

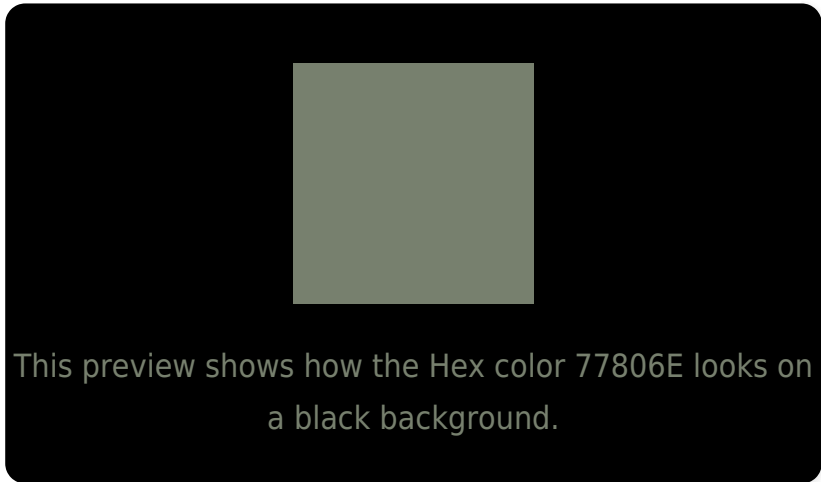
Large Text (above 18pt) WCAG AA ✓ Pass

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 77806E Background



This preview shows how black text looks on a background with the Hex color 77806E.



This preview shows how white text looks on a background with the Hex color 77806E.

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
77806E

Protanopia
837C6C

Deuteranopia
8E7870



Tritanopia
7B7D86

Trichromacy



Original Color
77806E

Protanomaly
7F7D6D

Deuteranomaly
867B6F

Tritanomaly
7A7E7D

Monochromacy



Original Color
77806E

Achromatopsia
7B7B7B

Achromatomaly
7A7D76

CSS Examples

Text

The CSS property to change the color of the text to Hex 77806E 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 #77806E looks like.

```
.text, #text, p{  
    color:#77806E  
}
```

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 #77806E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77806E
}
```

Border

The CSS property to change the border of an element to Hex 77806E is called "border". The border property can be set on classes, ids or directly on the HTML element.

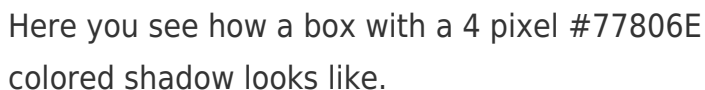
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77806E }
```

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

```
.border{ border-color:#77806E }
```

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



Here you see how a box with a 4 pixel `#77806E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77806E; -webkit-box-shadow:4px 4px  
4px 4px #77806E; box-shadow:4px 4px 4px  
4px #77806E }
```

Background

The CSS property to change the background color of an element to Hex 77806E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77806E }
```

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

```
.background{ background-color:#77806E }
```

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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