

Converting Colors

Hex(77806B)

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

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Color

Hex(77806B)

Conversions

Conversions Part 1

Format	Color
Hex	77806B
RGB	119, 128, 107
RGB Percent	47%, 50%, 42%
CMY	0.5333, 0.4980, 0.5804
CMYK	0.07, 0.00, 0.16, 0.50
HSL	86°, 9%, 46%
HSV	86°, 16%, 50%
XYZ	17.9808, 20.4218, 16.9040
YIQ	122.9150, 1.3770, -8.4390

Conversions

Conversions Part 2

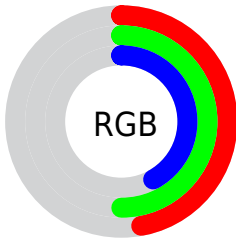
Format	Color
RYB	107, 128, 116
Decimal	7831659
CIELab	52.31, -7.41, 10.29
CIElCh	52, 12.679, 125.782
Yxy	20.4218, 0.3251, 0.3692
Android (android.graphics.Color)	4286021739 (0xFF77806B)
YUV	122.9150, -7.8461, -3.4335
Hunter-Lab	45.1905, -8.0604, 9.4552

Details

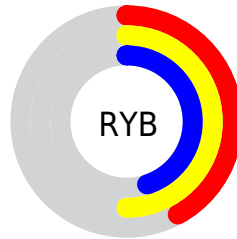
The Hex color **77806B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **746B80**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **ABB59E**, and **464F3C** is the 20% darker color. If you saturate the color by 10%, you get **72805E**, and if you desaturate by 10%, it is **7C8078**.

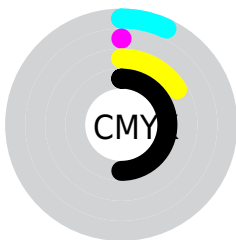
Distribution



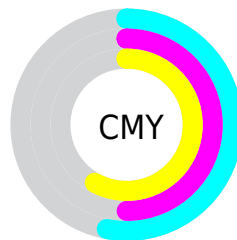
- Red (47%)
- Green (50%)
- Blue (42%)



- Red (42%)
- Yellow (50%)
- Blue (45%)



- Cyan (7%)
- Magenta (0%)
- Yellow (16%)
- Black (50%)



- Cyan (53%)
- Magenta (50%)
- Yellow (58%)

Brightness & Saturation Gradients

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

 77806B

 77806B

FFFFFF

 5E6753

 ABB59E

 464F3C

 C7D0B9

 303826

 E3EDD5

 1B2311

 FFFFF1

 000D00

 000000

 77806B

 77806B

 72805E

 7C8078

 6C8051

 828085

 678045

 878091

 618038

 8D809E

 5C802B

 9280AB

 56801E

 9880B8

 518011

 9D80C5

 4B8005

 A380D1

 498000

 A880DE

Harmonies

Analogous

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



837D67



77806B



6B8274

Triad

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



77806B



678090



93757B

Complementary

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



77806B



746B80

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.



8D7686



77806B



737D92

Square

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



77806B



618389



81798E



937671

Rectangle

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



77806B



65837B



81798E



92757F

Sweetspot

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



77806B



A2A69D



80746B



52544F



D4D4D4



545454

Same Dimension

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



77806B



98A685



6D806B



3D4039



498000



000000

Inverse Universe

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



746B80



9385A6



7E6B80



3C3940



370080



000000

Previews

White Background



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

Color Contrast Check

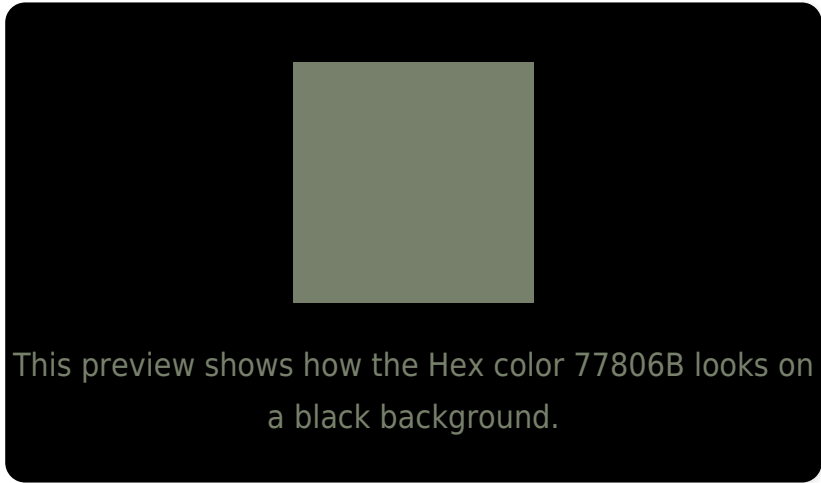
Large Text (above 18pt) WCAG AA ✓ Pass

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

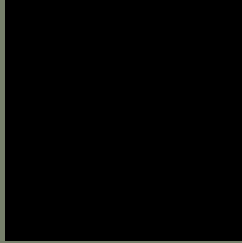
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

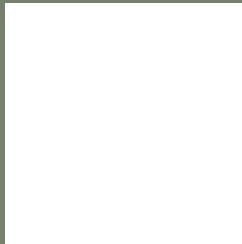
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 77806B Background



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



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

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
77806B

Protanopia
837C69

Deuteranopia
8E786D



Tritanopia
7B7C86

Trichromacy



Original Color
77806B

Protanomaly
7F7D6A

Deuteranomaly
867B6C

Tritanomaly
7A7D7C

Monochromacy



Original Color
77806B

Achromatopsia
7B7B7B

Achromatomaly
7A7D75

CSS Examples

Text

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

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

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 #77806B colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 77806B 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
#77806B }
```

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

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

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

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

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

Background

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

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

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

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

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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