

Converting Colors

Hex(786E77)

Have a look what the booklet for
Hex(786E77) contains.

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Color

Hex(786E77)

Conversions

Conversions Part 1

Format	Color
Hex	786E77
RGB	120, 110, 119
RGB Percent	47%, 43%, 47%
CMY	0.5294, 0.5686, 0.5333
CMYK	0.00, 0.08, 0.01, 0.53
HSL	306°, 4%, 45%
HSV	306°, 8%, 47%
XYZ	16.6514, 16.4768, 19.7555
YIQ	114.0160, 3.0710, 4.9190

Conversions

Conversions Part 2

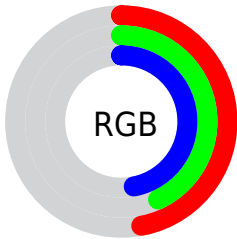
Format	Color
RYB	120, 110, 119
Decimal	7892599
CIELab	47.59, 5.66, -3.58
CIELCh	48, 6.699, 327.701
Yxy	16.4768, 0.3149, 0.3116
Android (android.graphics.Color)	4286082679 (0xFF786E77)
YUV	114.0160, 2.4571, 5.2480
Hunter-Lab	40.5917, 2.1885, -0.4416

Details

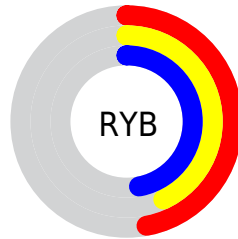
The Hex color **786E77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E786F**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **ACA2AB**, and **483E47** is the 20% darker color. If you saturate the color by 10%, you get **786276**, and if you desaturate by 10%, it is **787A78**.

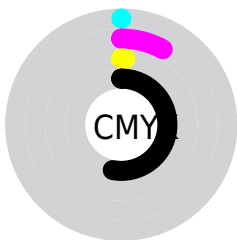
Distribution



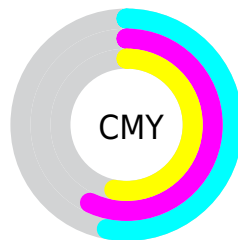
- Red (47%)
- Green (43%)
- Blue (47%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 786E77 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 786E77 by changing the saturation by 10% instead.



786E77



786E77

FFFFFF



5F565E



ACA2AB



483E47



C8BDC6



312930



E4D8E2



1C141B



FFF5FF



000000



786E77



786E77



786276



787A78



785675



788679



784A73



78927B

■ 783E72

■ 789E7C

■ 783271

■ 78AA7D

■ 782670

■ 78B67E

■ 781A6F

■ 78C27F

■ 780E6D

■ 78CE81

■ 78026C

■ 78DA82

Harmonies

Analogous

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



72707B



786E77



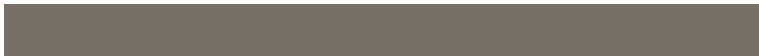
7C6D72

Triad

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



786E77



767066



637476

Complementary

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



786E77



6E786F

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.



657470



786E77



707267

Square

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



786E77



7B6F68



69746B



65737A

Rectangle

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



786E77



7D6D6E



69746B



637474

Sweetspot

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



786E77



9C979B



6F6E78



4F4C4F



CFCFCF



4F4F4F

Same Dimension

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



786E77



9C8C9A



786E72



3D373D



7D0070



FC00E3

Inverse Universe

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



786E77



9C8C9A



6E7874



3D373D



7D0070



FC00E3

Previews

White Background



This preview shows how the Hex color 786E77 looks on a white background.

Color Contrast Check

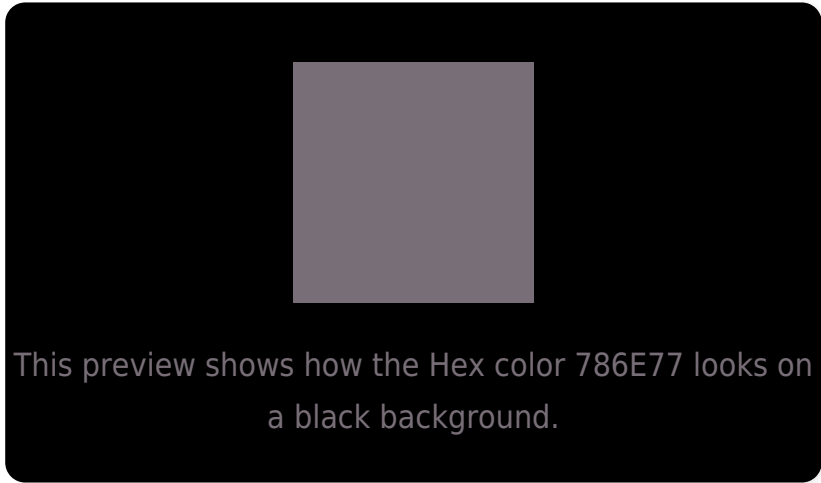
Large Text (above 18pt) WCAG AA ✓ Pass

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

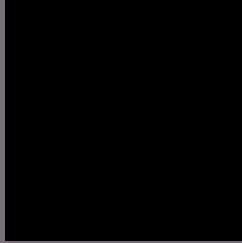
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 786E77 Background



This preview shows how black text looks on a background with the Hex color 786E77.



This preview shows how white text looks on a background with the Hex color 786E77.

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
786E77

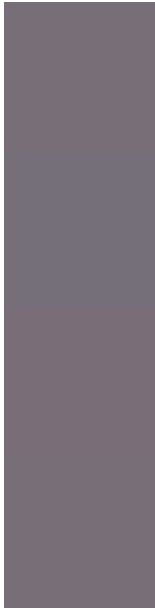
Protanopia
717078

Deuteranopia
796E77



Tritanopia
786E77

Trichromacy



Original Color

786E77

Protanomaly

746F78

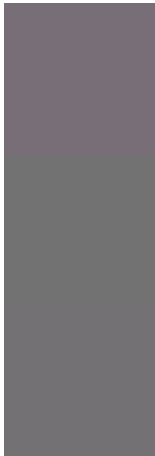
Deuteranomaly

796E77

Tritanomaly

786E77

Monochromacy



Original Color

786E77

Achromatopsia

727272

Achromatomaly

747174

CSS Examples

Text

The CSS property to change the color of the text to Hex 786E77 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 #786E77 looks like.

```
.text, #text, p{  
    color:#786E77  
}
```

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 #786E77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786E77  
}
```

Border

The CSS property to change the border of an element to Hex 786E77 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  
#786E77 }
```

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

```
.border{ border-color:#786E77 }
```

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

Here you see how a box with a 4 pixel #786E77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786E77; -webkit-box-shadow:4px 4px  
4px 4px #786E77; box-shadow:4px 4px 4px  
4px #786E77 }
```

Background

The CSS property to change the background color of an element to Hex 786E77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786E77 }
```

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

```
.background{ background-color:#786E77 }
```

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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