

Converting Colors

Hex(786C77)

Have a look what the booklet for
Hex(786C77) contains.

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Color

Hex(786C77)

Conversions

Conversions Part 1

Format	Color
Hex	786C77
RGB	120, 108, 119
RGB Percent	47%, 42%, 47%
CMY	0.5294, 0.5765, 0.5333
CMYK	0.00, 0.10, 0.01, 0.53
HSL	305°, 5%, 45%
HSV	305°, 10%, 47%
XYZ	16.4381, 16.0501, 19.6844
YIQ	112.8420, 3.6210, 5.9650

Conversions

Conversions Part 2

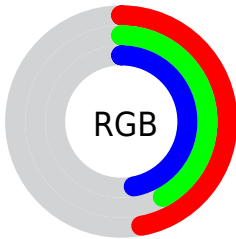
Format	Color
R_{YB}	120, 108, 119
Decimal	7892087
CIE Lab	47.04, 6.85, -4.40
CIE LCh	47, 8.140, 327.294
Yxy	16.0501, 0.3151, 0.3076
Android (android.graphics.Color)	4286082167 (0xFF786C77)
YUV	112.8420, 3.0359, 6.2776
Hunter-Lab	40.0626, 3.1308, -1.0878

Details

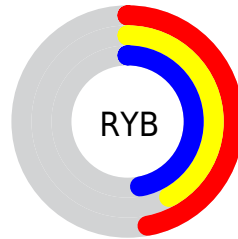
The Hex color **786C77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C786D**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **AC9FAB**, and **483D47** is the 20% darker color. If you saturate the color by 10%, you get **786076**, and if you desaturate by 10%, it is **787878**.

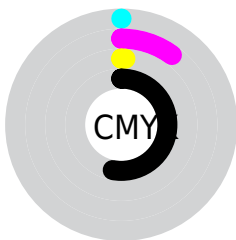
Distribution



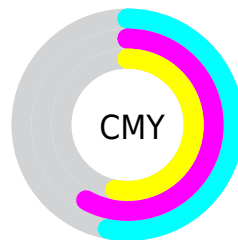
- Red (47%)
- Green (42%)
- Blue (47%)



- Red (47%)
- Yellow (42%)
- Blue (47%)



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 786C77 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 786C77 by changing the saturation by 10% instead.

 786C77

 786C77

FFFFFF

 5F545E

 AC9FAB

 483D47

 C8BAC6

 312730

 E4D6E2

 1C131B

 FFF2FF

 000000

 786C77

 786C77


 786076

 787878

 785475

 788479

 784874

 78907A

■ 783C73

■ 789C7B

■ 783072

■ 78A87C

■ 782471

■ 78B47D

■ 781870

■ 78C07E

■ 780C6F

■ 78CC7F

■ 78006E

■ 78D880

Harmonies

Analogous

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



706E7C



786C77



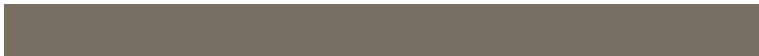
7D6B70

Triad

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



786C77



766F62



5E7375

Complementary

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



786C77



6C786D

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.



61746F



786C77



6E7163

Square

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



786C77



7C6D64



667368



61727B

Rectangle

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



786C77



7E6B6C



667368



5F7473

Sweetspot

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



786C77



9C979B



6D6C78



4F4C4F



CFCFCF



4F4F4F

Same Dimension

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



786C77



9C899A



786C71



3D373D



7D0073



FC00E7

Inverse Universe

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



786C77



9C899A



6C7873



3D373D



7D0073



FC00E7

Previews

White Background



This preview shows how the Hex color 786C77 looks on a white background.

Color Contrast Check

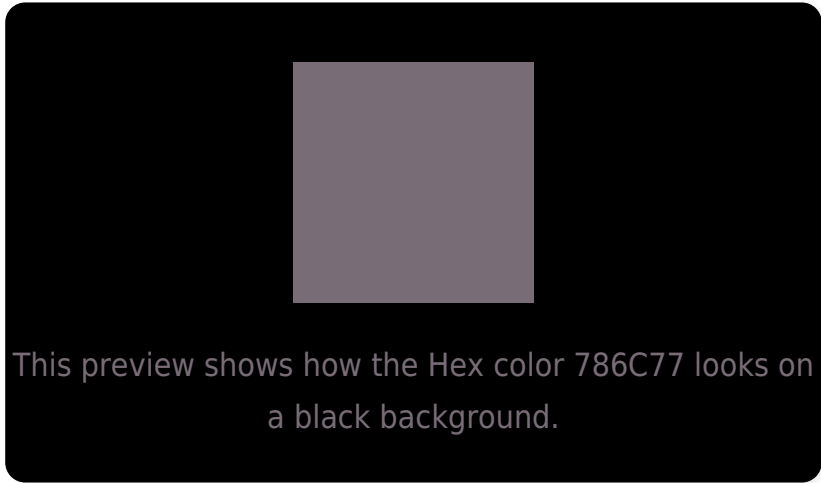
Large Text (above 18pt) WCAG AA ✓ Pass

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

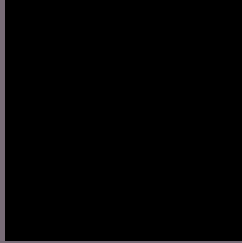
Any Text WCAG AA × Fail

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 786C77 Background



This preview shows how black text looks on a background with the Hex color 786C77.

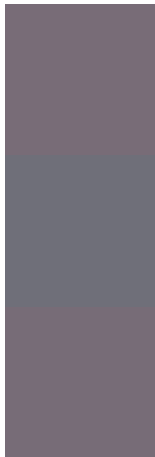


This preview shows how white text looks on a background with the Hex color 786C77.

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
786C77

Protanopia
6F6F79

Deuteranopia
776C77



Tritanopia
786C75

Trichromacy



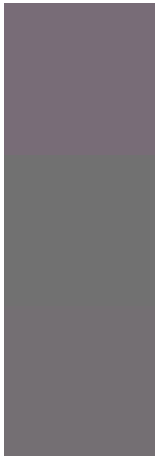
Original Color
786C77

Protanomaly
726E78

Deuteranomaly
776C77

Tritanomaly
786C76

Monochromacy



Original Color
786C77

Achromatopsia
717171

Achromatomaly
746F73

CSS Examples

Text

The CSS property to change the color of the text to Hex 786C77 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 #786C77 looks like.

```
.text, #text, p{  
    color:#786C77  
}
```

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 #786C77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786C77
}
```

Border

The CSS property to change the border of an element to Hex 786C77 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
#786C77 }
```

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

```
.border{ border-color:#786C77 }
```

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

Here you see how a box with a 4 pixel `#786C77` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786C77; -webkit-box-shadow:4px 4px  
4px 4px #786C77; box-shadow:4px 4px 4px  
4px #786C77 }
```

Background

The CSS property to change the background color of an element to Hex 786C77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786C77 }
```

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

```
.background{ background-color:#786C77 }
```

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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