

# Converting Colors

Hex(786C78)

Have a look what the booklet for  
Hex(786C78) contains.

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# Color

Hex(786C78)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	786C78
RGB	120, 108, 120
RGB Percent	47%, 42%, 47%
CMY	0.5294, 0.5765, 0.5294
CMYK	0.00, 0.10, 0.00, 0.53
HSL	300°, 5%, 45%
HSV	300°, 10%, 47%
XYZ	16.4985, 16.0743, 20.0024
YIQ	112.9560, 3.3000, 6.2760

# Conversions

## Conversions Part 2

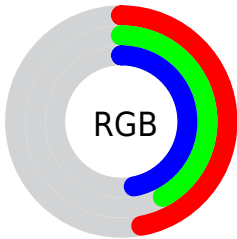
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 108, 120
Decimal	7892088
CIE Lab	47.07, 7.05, -4.95
CIE LCh	47, 8.617, 324.944
Yxy	16.0743, 0.3138, 0.3057
Android (android.graphics.Color)	4286082168 (0xFF786C78)
YUV	112.9560, 3.4727, 6.1776
Hunter-Lab	40.0927, 3.2918, -1.5151

# Details

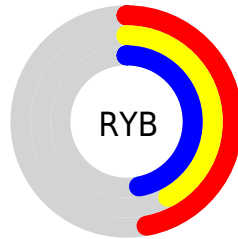
The Hex color **786C78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C786C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **AC9FAC**, and **483D48** is the 20% darker color. If you saturate the color by 10%, you get **786078**, and if you desaturate by 10%, it is **787878**.

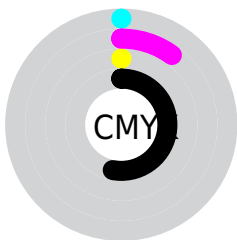
# Distribution



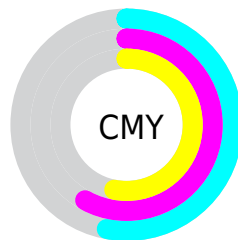
- Red (47%)
- Green (42%)
- Blue (47%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 786C78 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 786C78 by changing the saturation by 10% instead.



 786C78

 786C78

FFFFFF

 5F545F

 AC9FAC

 483D48

 C8BAC8

 312731


 E4D6E4

 1C131C

 FFF2FF

 000000

 786C78

 786C78

 786078

 787878


 785478

 788478

 784878

 789078

 783C78

 789C78

 783078

 78A878

 782478

 78B478

 781878

 78C078

 780C78

 78CC78

 780078

 78D878

# Harmonies

## Analogous

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



706E7D



786C78



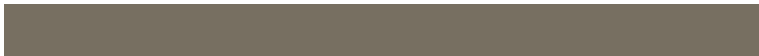
7E6B71

# Triad

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



786C78



776F61



5D7475

# Complementary

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



786C78



6C786C

# 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.



60746E



786C78



6F7162

# Square

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



786C78



7D6C64



677367



60737B

# Rectangle

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



786C78



7F6B6C



677367



5E7473



# Sweetspot

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



786C78



9C979C



6C6C78



4F4C4F



CFCFCF



4F4F4F



# Same Dimension

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



786C78



9C899C



786C72



3D373D



7D007D



FC00FC



# Inverse Universe

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



786C78



9C899C



6C7872



3D373D



7D007D



FC00FC



# Previews

## White Background



This preview shows how the Hex color 786C78 looks on a white background.

## Color Contrast Check

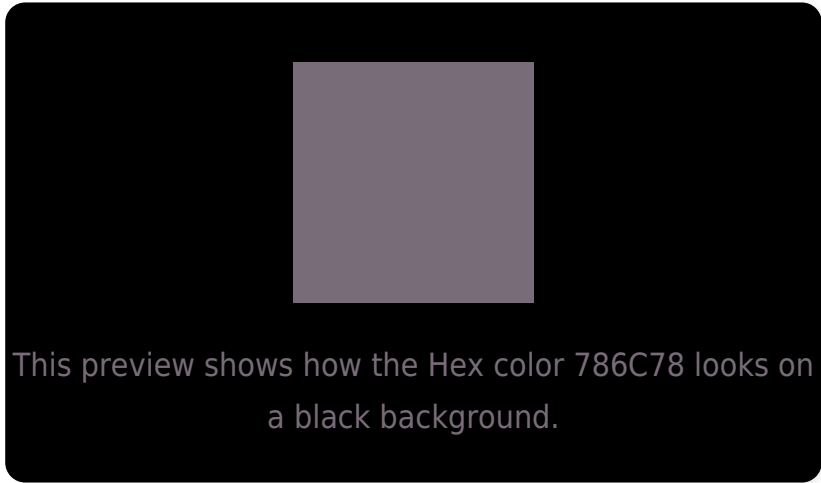
Large Text (above 18pt) WCAG AA ✓ Pass

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

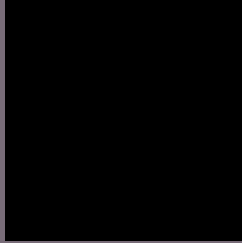
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 786C78 Background



This preview shows how black text looks on a background with the Hex color 786C78.

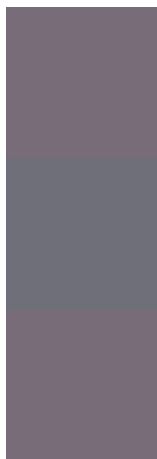


This preview shows how white text looks on a background with the Hex color 786C78.

# 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**


786C78

**Protanopia**

6F6F7A

**Deuteranopia**

776C78



**Tritanopia**  
786C75

# Trichromacy



**Original Color**  
786C78

**Protanomaly**  
726E79

**Deuteranomaly**  
776C78

**Tritanomaly**  
786C76

# Monochromacy



**Original Color**  
786C78

**Achromatopsia**  
717171

**Achromatomaly**  
746F74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 786C78 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 #786C78 looks like.

```
.text, #text, p{  
    color:#786C78  
}
```

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 #786C78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786C78
}
```

## Border

The CSS property to change the border of an element to Hex 786C78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

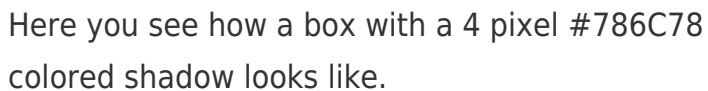
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#786C78 }
```

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

```
.border{ border-color:#786C78 }
```

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



Here you see how a box with a 4 pixel #786C78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786C78; -webkit-box-shadow:4px 4px  
4px 4px #786C78; box-shadow:4px 4px 4px  
4px #786C78 }
```

# Background

The CSS property to change the background color of an element to Hex 786C78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786C78 }
```

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

```
.background{ background-color:#786C78 }
```

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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