

# Converting Colors

Hex(786D6B)

Have a look what the booklet for  
Hex(786D6B) contains.

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# Color

**Hex(786D6B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	786D6B
RGB	120, 109, 107
RGB Percent	47%, 43%, 42%
CMY	0.5294, 0.5725, 0.5804
CMYK	0.00, 0.09, 0.11, 0.53
HSL	9°, 6%, 45%
HSV	9°, 11%, 47%
XYZ	15.8682, 15.9919, 16.1603
YIQ	112.0610, 7.1980, 1.7100

# Conversions

## Conversions Part 2

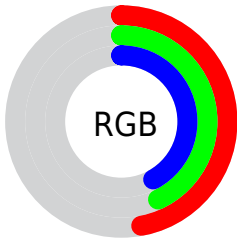
Format	Color
<b>RYB</b>	120, 109, 107
Decimal	7892331
CIELab	46.96, 3.92, 2.67
CIELCh	47, 4.742, 34.223
Yxy	15.9919, 0.3304, 0.3330
Android (android.graphics.Color)	4286082411 (0xFF786D6B)
YUV	112.0610, -2.4951, 6.9625
Hunter-Lab	39.9899, 0.8476, 4.0332

# Details

The Hex color **786D6B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B7678**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **ACA09E**, and **473E3C** is the 20% darker color. If you saturate the color by 10%, you get **78635F**, and if you desaturate by 10%, it is **787777**.

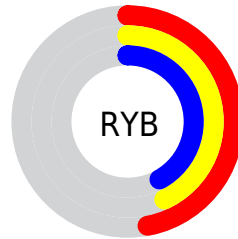
# Distribution



Red (47%)

Green (43%)

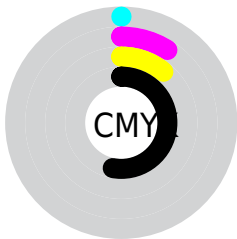
Blue (42%)



Red (47%)

Yellow (43%)

Blue (42%)

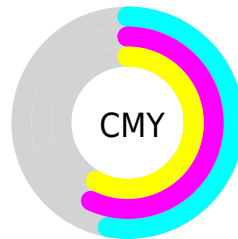


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (53%)



Cyan (53%)

Magenta (57%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 786D6B 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 786D6B by changing the saturation by 10% instead.



 786D6B

 786D6B

FFFFFF

 5F5553

 ACA09E

 473E3C

 C8BBB9

 312826

 E4D7D5

 1C1311

 FFF4F1

 000000

 786D6B

 786D6B

 78635F

 787777

 785953

 788183

 784F47

 788B8F

 78443B

 78969B

 783A2F

 78A0A7

 783023

 78AAB3

 782617

 78B4BF

 781C0B

 78BECB

 781200

 78C8D7

# Harmonies

## Analogous

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



786D6F



786D6B



766E68

# Triad

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



786D6B



69716C



6C6F77

# Complementary

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



786D6B



6B7678

# 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.



687176



786D6B



667270

# Square

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



786D6B



6E7069



667274



716E76

# Rectangle

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



786D6B



746F67



667274



6A7077



# Sweetspot

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



786D6B



9C9897



786B76



4F4C4C



CFCFCF



4F4F4F



# Same Dimension

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



786D6B



9C8A87



78736B



3D3837



7D1300



FC2700



# Inverse Universe

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



6B7678



87989C



6B7078



373C3D



006A7D



00D6FC



# Previews

## White Background



This preview shows how the Hex color 786D6B looks on a white background.

## Color Contrast Check

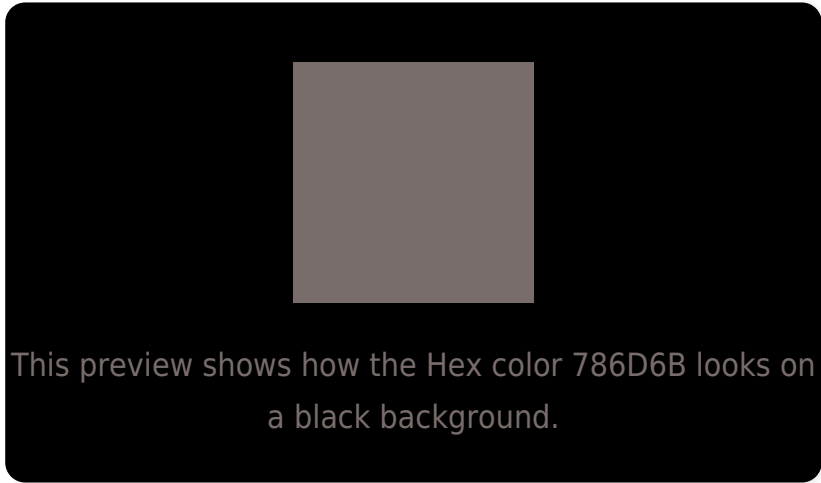
Large Text (above 18pt) WCAG AA ✓ Pass

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

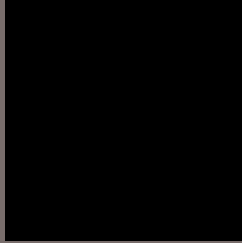
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

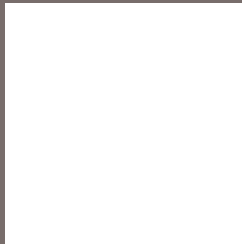
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 786D6B Background



This preview shows how black text looks on a background with the Hex color 786D6B.



This preview shows how white text looks on a background with the Hex color 786D6B.

# 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**  
786D6B

**Protanopia**  
726F6C

**Deuteranopia**  
7C6C6B



**Tritanopia**  
796C74

# Trichromacy



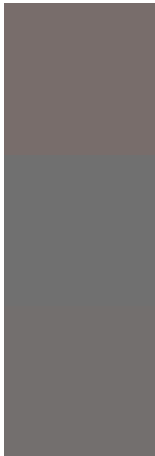
**Original Color**  
786D6B

**Protanomaly**  
746E6C

**Deuteranomaly**  
7B6C6B

**Tritanomaly**  
796C71

# Monochromacy



**Original Color**  
786D6B

**Achromatopsia**  
707070

**Achromatomaly**  
736F6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 786D6B 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 #786D6B looks like.

```
.text, #text, p{  
    color:#786D6B  
}
```

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 #786D6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786D6B
}
```

## Border

The CSS property to change the border of an element to Hex 786D6B 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".

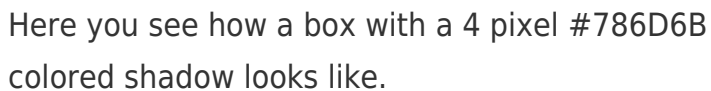
```
.border, #border, table{ border:4px solid
#786D6B }
```

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

```
.border{ border-color:#786D6B }
```

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

Here you see how a box with a 4 pixel #786D6B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786D6B; -webkit-box-shadow:4px 4px  
4px 4px #786D6B; box-shadow:4px 4px 4px  
4px #786D6B }
```

# Background

The CSS property to change the background color of an element to Hex 786D6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786D6B }
```

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

```
.background{ background-color:#786D6B }
```

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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