

# Converting Colors

Hex(786D5E)

Have a look what the booklet for  
Hex(786D5E) contains.

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# Color

**Hex(786D5E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	786D5E
RGB	120, 109, 94
RGB Percent	47%, 43%, 37%
CMY	0.5294, 0.5725, 0.6314
CMYK	0.00, 0.09, 0.22, 0.53
HSL	35°, 12%, 42%
HSV	35°, 22%, 47%
XYZ	15.2347, 15.7385, 12.8246
YIQ	110.5790, 11.3710, -2.3330

# Conversions

## Conversions Part 2

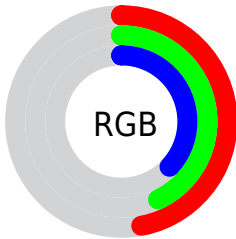
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 120, 94
Decimal	7892318
CIELab	46.63, 1.65, 9.94
CIELCh	47, 10.081, 80.586
Yxy	15.7385, 0.3478, 0.3593
Android (android.graphics.Color)	4286082398 (0xFF786D5E)
YUV	110.5790, -8.1734, 8.2622
Hunter-Lab	39.6718, -0.8781, 8.6038

# Details

The Hex color **786D5E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E6978**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **ADA090**, and **473E30** is the 20% darker color. If you saturate the color by 10%, you get **786852**, and if you desaturate by 10%, it is **78726A**.

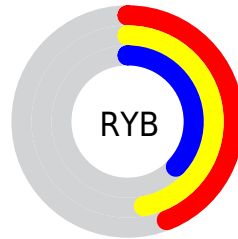
# Distribution



Red (47%)

Green (43%)

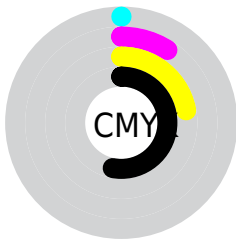
Blue (37%)



Red (44%)

Yellow (47%)

Blue (37%)

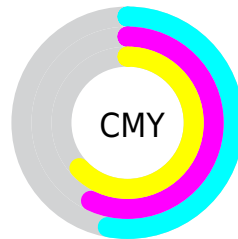


Cyan (0%)

Magenta (9%)

Yellow (22%)

Black (53%)



Cyan (53%)

Magenta (57%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 786D5E 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 786D5E by changing the saturation by 10% instead.





786D5E



786D5E

FFFFFF



5F5546



ADA090



473E30



C8BBAB



30281B



E4D7C6



1D1300



FFF4E2



000000



786D5E



786D5E



786852



78726A



786346



787776



785E3A



787C82

■ 78592E

■ 78818E

■ 785422

■ 78869A

■ 784F16

■ 788BA6

■ 78490A

■ 7891B2

■ 784500

■ 7896BE

■ 789BCA

# Harmonies

## Analogous

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



7E6A62



786D5E



6F705F

# Triad

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



786D5E



597374



776B79

# Complementary

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



786D5E



5E6978

# 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.



6D6D7E



786D5E



5B727B

# Square

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



786D5E



5D736B



62707F



7E6972

# Rectangle

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



786D5E



687162



62707F



746B7B



# Sweetspot

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



786D5E



9C9791



785E69



4F4C49



CFCFCF



4F4F4F



# Same Dimension

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



786D5E



9C8A73



76785E



3D3B37



7D4800



FC9200



# Inverse Universe

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



5E6978



73849C



605E78



373A3D



00357D



006BFC



# Previews

## White Background



This preview shows how the Hex color 786D5E looks on a white background.

## Color Contrast Check

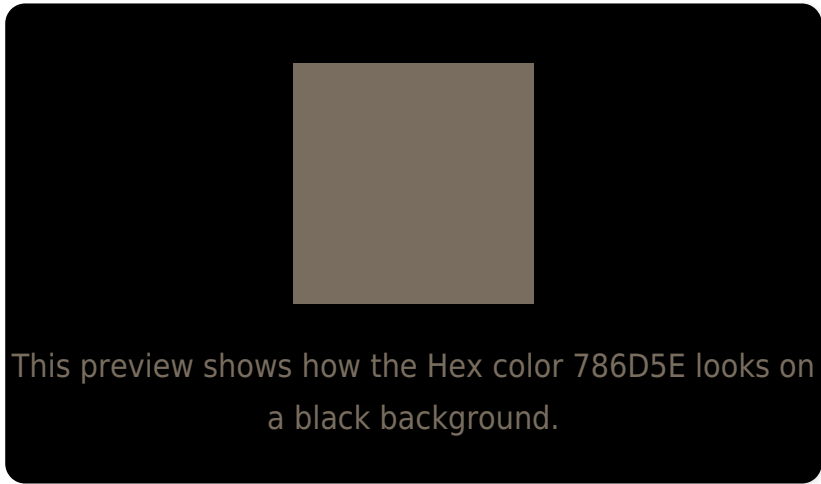
Large Text (above 18pt) WCAG AA ✓ Pass

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

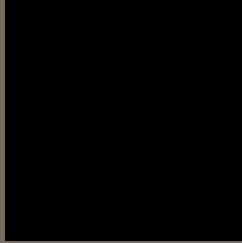
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 786D5E Background



This preview shows how black text looks on a background with the Hex color 786D5E.



This preview shows how white text looks on a background with the Hex color 786D5E.

# 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**

786D5E

**Protanopia**

746E5F

**Deuteranopia**

7F6A5F



**Tritanopia**  
7B6A72

# Trichromacy



**Original Color**  
786D5E

**Protanomaly**  
756E5F

**Deuteranomaly**  
7C6B5F

**Tritanomaly**  
7A6B6B

# Monochromacy



**Original Color**  
786D5E

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
726E69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 786D5E 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 #786D5E looks like.

```
.text, #text, p{  
    color:#786D5E  
}
```

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 #786D5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786D5E
}
```

## Border

The CSS property to change the border of an element to Hex 786D5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

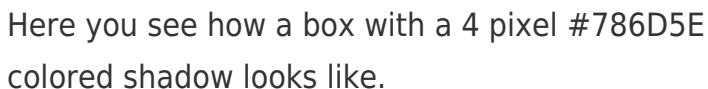
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#786D5E }
```

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

```
.border{ border-color:#786D5E }
```

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



Here you see how a box with a 4 pixel `#786D5E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786D5E; -webkit-box-shadow:4px 4px  
4px 4px #786D5E; box-shadow:4px 4px 4px  
4px #786D5E }
```

# Background

The CSS property to change the background color of an element to Hex 786D5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786D5E }
```

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

```
.background{ background-color:#786D5E }
```

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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