

# Converting Colors

Hex(786757)

Have a look what the booklet for  
Hex(786757) contains.

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**Color**

**Hex(786757)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	786757
RGB	120, 103, 87
RGB Percent	47%, 40%, 34%
CMY	0.5294, 0.5961, 0.6588
CMYK	0.00, 0.14, 0.27, 0.53
HSL	29°, 16%, 41%
HSV	29°, 27%, 47%
XYZ	14.3163, 14.3817, 11.0382
YIQ	106.2590, 15.2680, -1.3720

# Conversions

## Conversions Part 2

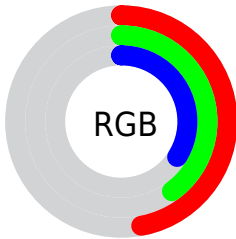
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 118, 87
Decimal	7890775
CIE <sub>Lab</sub>	44.78, 4.07, 11.53
CIE <sub>LCh</sub>	45, 12.226, 70.561
Yxy	14.3817, 0.3603, 0.3619
Android (android.graphics.Color)	4286080855 (0xFF786757)
YUV	106.2590, -9.4947, 12.0509
Hunter-Lab	37.9232, 1.0194, 9.2888

# Details

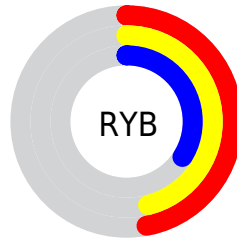
The Hex color **786757** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **576878**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **AD9A89**, and **47382A** is the 20% darker color. If you saturate the color by 10%, you get **78614B**, and if you desaturate by 10%, it is **786D63**.

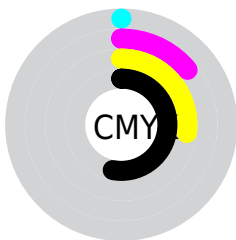
# Distribution



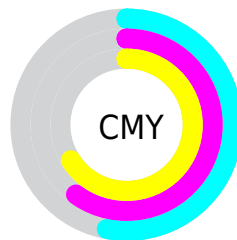
- Red (47%)
- Green (40%)
- Blue (34%)



- Red (47%)
- Yellow (46%)
- Blue (34%)



- Cyan (0%)
- Magenta (14%)
- Yellow (27%)
- Black (53%)



- Cyan (53%)
- Magenta (60%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 786757 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 786757 by changing the saturation by 10% instead.





786757



786757

FFFFFF



5F4F40



AD9A89



47382A



C8B5A3



302315



E4D0BE



1C0D00



FFEDDA



000000



FFFFF7



786757



786757



78614B



786D63



785B3F



78736F

 785433

 787A7B

 784E27

 788087

 78481B

 788693

 78420F

 788C9F

 783C03

 7892AB

 783A00

 7898B7

 789FC3

# Harmonies

## Analogous

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



7E645D



786757



6E6A56

# Triad

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



786757



50706D



706679

# Complementary

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



786757



576878

# 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.



636A7E



786757



4F6F77

# Square

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



786757



586F63



576D7D



7A6471

# Rectangle

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



786757



676C58



576D7D



6C677B



# Sweetspot

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



786757



9C958F



785768



4F4B47



CFCFCF



4F4F4F



# Same Dimension

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



786757



9C8168



787757



3D3A37



7D3D00



FC7A00



# Inverse Universe

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



576878



68839C



575878



373A3D



00407D



0082FC



# Previews

## White Background



This preview shows how the Hex color 786757 looks on a white background.

## Color Contrast Check

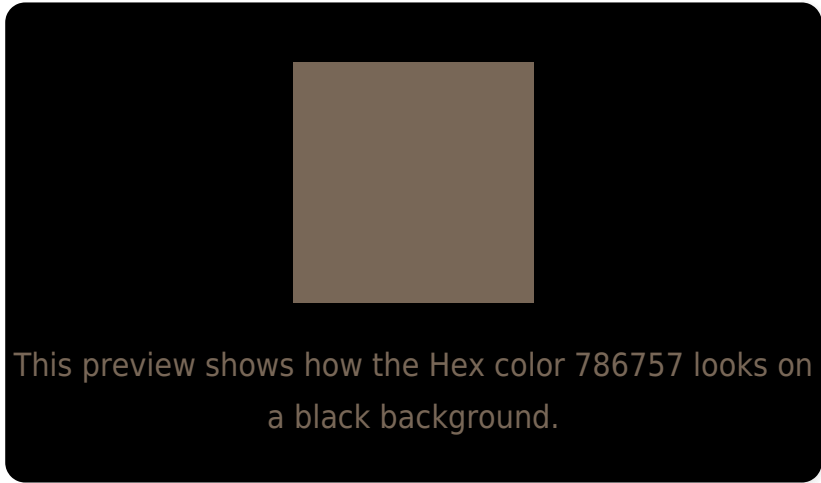
Large Text (above 18pt) WCAG AA ✓ Pass

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

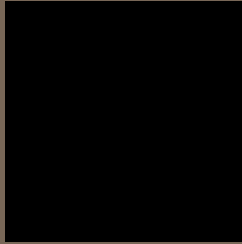
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 786757 Background



This preview shows how black text looks on a background with the Hex color 786757.



This preview shows how white text looks on a background with the Hex color 786757.

# 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**  
786757

**Protanopia**  
706A58

**Deuteranopia**  
7B6657



**Tritanopia**  
7A646C

# Trichromacy



**Original Color**  
786757

**Protanomaly**  
736958

**Deuteranomaly**  
7A6657

**Tritanomaly**  
796564

# Monochromacy



**Original Color**  
786757

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
6F6963

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 786757 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 #786757 looks like.

```
.text, #text, p{  
    color:#786757  
}
```

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 #786757 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786757
}
```

## Border

The CSS property to change the border of an element to Hex 786757 is called "border". The border property can be set on classes, ids or directly on the HTML element.

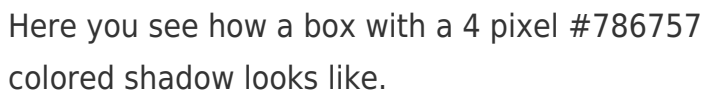
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#786757 }
```

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

```
.border{ border-color:#786757 }
```

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



Here you see how a box with a 4 pixel #786757 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786757; -webkit-box-shadow:4px 4px  
4px 4px #786757; box-shadow:4px 4px 4px  
4px #786757 }
```

# Background

The CSS property to change the background color of an element to Hex 786757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786757 }
```

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

```
.background{ background-color:#786757 }
```

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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