

# Converting Colors

Hex(786761)

Have a look what the booklet for  
Hex(786761) contains.

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# Color

**Hex(786761)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	786761
RGB	120, 103, 97
RGB Percent	47%, 40%, 38%
CMY	0.5294, 0.5961, 0.6196
CMYK	0.00, 0.14, 0.19, 0.53
HSL	16°, 11%, 43%
HSV	16°, 19%, 47%
XYZ	14.7536, 14.5566, 13.3414
YIQ	107.3990, 12.0580, 1.7380

# Conversions

## Conversions Part 2

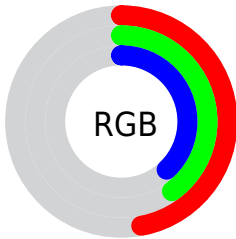
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 105, 97
Decimal	7890785
CIE <sub>Lab</sub>	45.02, 5.69, 5.87
CIE <sub>LCh</sub>	45, 8.178, 45.884
Yxy	14.5566, 0.3459, 0.3413
Android (android.graphics.Color)	4286080865 (0xFF786761)
YUV	107.3990, -5.1267, 11.0511
Hunter-Lab	38.1532, 2.2571, 5.9747

# Details

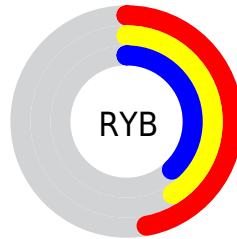
The Hex color **786761** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **617278**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **AD9A94**, and **473833** is the 20% darker color. If you saturate the color by 10%, you get **785E55**, and if you desaturate by 10%, it is **78706D**.

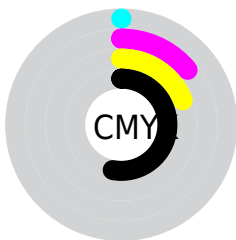
# Distribution



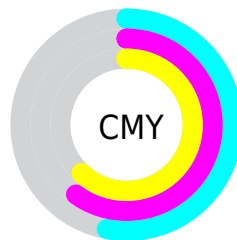
- Red (47%)
- Green (40%)
- Blue (38%)



- Red (47%)
- Yellow (41%)
- Blue (38%)



- Cyan (0%)
- Magenta (14%)
- Yellow (19%)
- Black (53%)



- Cyan (53%)
- Magenta (60%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 786761 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 786761 by changing the saturation by 10% instead.



 786761

 786761

FFFFFF

 5F4F49

 AD9A94

 473833

 C8B5AE

 30231E

 E4D0CA

 1D0D04

 FFEDE6

 000000

 786761

 786761

 785E55

 78706D

 785549

 787979

 784C3D

 788285

■ 784431

■ 788A91

■ 783B25

■ 78939D

■ 783219

■ 789CA9

■ 78290D

■ 78A5B5

■ 782001

■ 78AEC1

■ 781F00

■ 78B7CD

# Harmonies

## Analogous

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



796667



786761



73695D

# Triad

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



786761



5D6E67



686A78

# Complementary

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



786761



617278

# 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.



606C78



786761



5A6F6E

# Square

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



786761



646D61



5A6E74



706874

# Rectangle

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



786761



6F6A5D



5A6E74



656B78



# Sweetspot

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



786761



9C9592



786172



4F4B4A



CFCFCF



4F4F4F



# Same Dimension

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



786761



9C8178



787261



3D3937



7D2100



FC4200



# Inverse Universe

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



617278



78929C



616778



373C3D



005C7D



00BBFC



# Previews

## White Background



This preview shows how the Hex color 786761 looks on a white background.

## Color Contrast Check

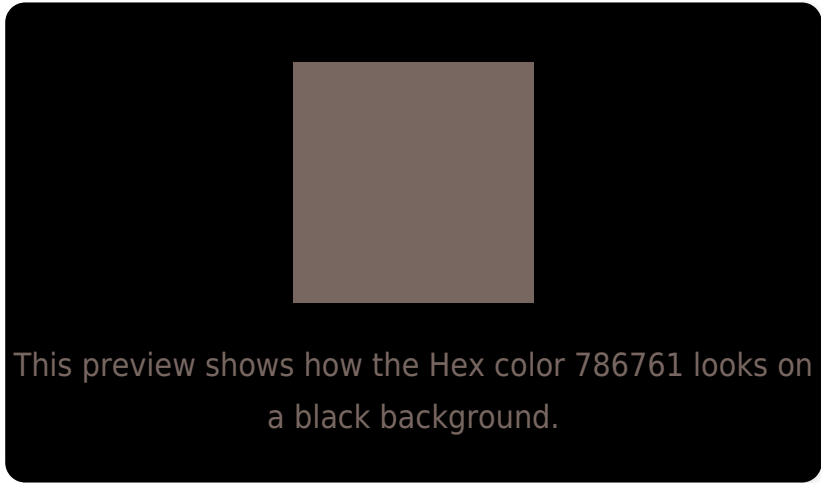
Large Text (above 18pt) WCAG AA ✓ Pass

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

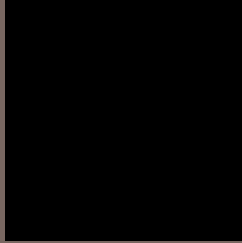
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 786761 Background



This preview shows how black text looks on a background with the Hex color 786761.



This preview shows how white text looks on a background with the Hex color 786761.

# 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**  
786761

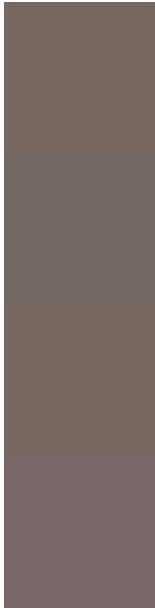
**Protanopia**  
6E6A63

**Deuteranopia**  
786761



**Tritanopia**  
7A656D

# Trichromacy



**Original Color**

786761

**Protanomaly**

726962

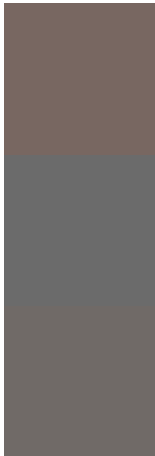
**Deuteranomaly**

786761

**Tritanomaly**

796669

# Monochromacy



**Original Color**

786761

**Achromatopsia**

6B6B6B

**Achromatomaly**

706A67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 786761 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 #786761 looks like.

```
.text, #text, p{  
    color:#786761  
}
```

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 #786761 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786761
}
```

## Border

The CSS property to change the border of an element to Hex 786761 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".

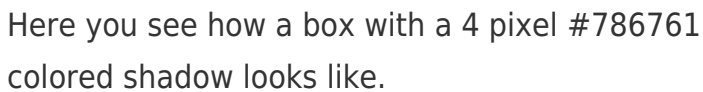
```
.border, #border, table{ border:4px solid
#786761 }
```

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

```
.border{ border-color:#786761 }
```

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

Here you see how a box with a 4 pixel #786761 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786761; -webkit-box-shadow:4px 4px  
4px 4px #786761; box-shadow:4px 4px 4px  
4px #786761 }
```

# Background

The CSS property to change the background color of an element to Hex 786761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786761 }
```

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

```
.background{ background-color:#786761 }
```

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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