

Converting Colors

Hex(786D61)

Have a look what the booklet for
Hex(786D61) contains.

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Color

Hex(786D61)

Conversions

Conversions Part 1

Format	Color
Hex	786D61
RGB	120, 109, 97
RGB Percent	47%, 43%, 38%
CMY	0.5294, 0.5725, 0.6196
CMYK	0.00, 0.09, 0.19, 0.53
HSL	31°, 11%, 43%
HSV	31°, 19%, 47%
XYZ	15.3720, 15.7934, 13.5475
YIQ	110.9210, 10.4080, -1.4000

Conversions

Conversions Part 2

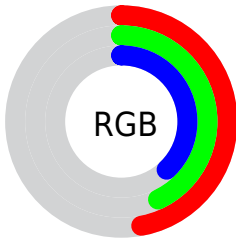
Format	Color
R_{YB}	118, 120, 97
Decimal	7892321
CIE Lab	46.70, 2.15, 8.26
CIE LCh	47, 8.536, 75.422
Yxy	15.7934, 0.3438, 0.3532
Android (android.graphics.Color)	4286082401 (0xFF786D61)
YUV	110.9210, -6.8631, 7.9623
Hunter-Lab	39.7409, -0.5017, 7.6070

Details

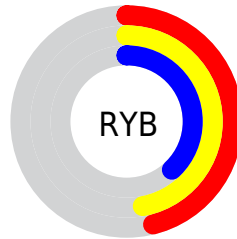
The Hex color **786D61** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **616C78**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **ACA094**, and **473E33** is the 20% darker color. If you saturate the color by 10%, you get **786755**, and if you desaturate by 10%, it is **78736D**.

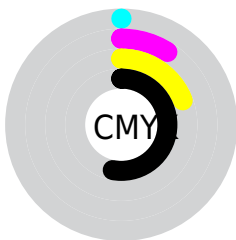
Distribution



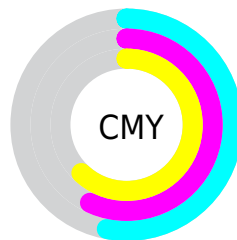
- Red (47%)
- Green (43%)
- Blue (38%)



- Red (46%)
- Yellow (47%)
- Blue (38%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (53%)



- Cyan (53%)
- Magenta (57%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786D61 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 786D61 by changing the saturation by 10% instead.

 786D61

 786D61

FFFFFF

 5F5549

 ACA094

 473E33

 C8BBAE

 31281E

 E4D7CA

 1D1304

 FFF4E6

 000000

 786D61

 786D61

 786755

 78736D

 786249

 787879

 785C3D

 787E85

■ 785631

■ 788491

■ 785025

■ 788A9D

■ 784B19

■ 788FA9

■ 78450D

■ 7895B5

■ 783F01

■ 789BC1

■ 783F00

■ 78A1CD

Harmonies

Analogous

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



7D6B65



786D61



716F61

Triad

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



786D61



5D7372



756C79

Complementary

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



786D61



616C78

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.



6C6E7C



786D61



5E7279

Square

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



786D61



61736B



63707C



7B6A72

Rectangle

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



786D61



6B7163



63707C



726C7A

Sweetspot

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



786D61



9C9792



78616C



4F4C4A



CFCFCF



4F4F4F

Same Dimension

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



786D61



9C8A78



787861



3D3A37



7D4100



FC8400

Inverse Universe

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



616C78



78899C



616178



373A3D



003C7D



0079FC

Previews

White Background



This preview shows how the Hex color 786D61 looks on a white background.

Color Contrast Check

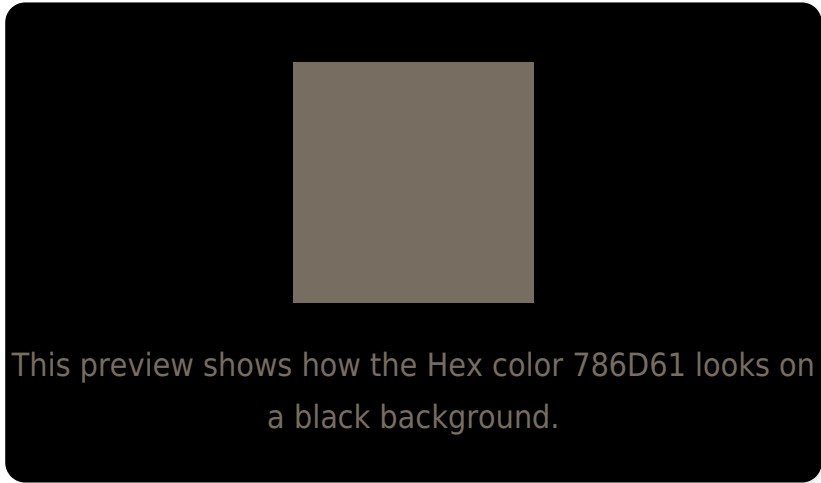
Large Text (above 18pt) WCAG AA ✓ Pass

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

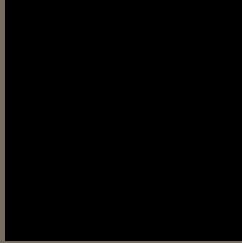
Any Text WCAG AA × Fail

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 786D61 Background



This preview shows how black text looks on a background with the Hex color 786D61.

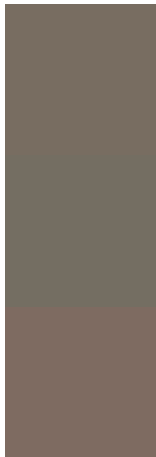


This preview shows how white text looks on a background with the Hex color 786D61.

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
786D61

Protanopia
746E62

Deuteranopia
7E6B61



Tritanopia
7A6A73

Trichromacy



Original Color
786D61

Protanomaly
756E62

Deuteranomaly
7C6C61

Tritanomaly
796B6C

Monochromacy



Original Color
786D61

Achromatopsia
6F6F6F

Achromatomaly
726E6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 786D61 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 #786D61 looks like.

```
.text, #text, p{  
    color:#786D61  
}
```

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 #786D61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786D61  
}
```

Border

The CSS property to change the border of an element to Hex 786D61 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  
#786D61 }
```

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

```
.border{ border-color:#786D61 }
```

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

Here you see how a box with a 4 pixel #786D61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786D61; -webkit-box-shadow:4px 4px  
4px 4px #786D61; box-shadow:4px 4px 4px  
4px #786D61 }
```

Background

The CSS property to change the background color of an element to Hex 786D61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786D61 }
```

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

```
.background{ background-color:#786D61 }
```

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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