

Converting Colors

Hex(786C57)

Have a look what the booklet for
Hex(786C57) contains.

Hex(786C57)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(786C57)

Conversions

Conversions Part 1

Format	Color
Hex	786C57
RGB	120, 108, 87
RGB Percent	47%, 42%, 34%
CMY	0.5294, 0.5765, 0.6588
CMYK	0.00, 0.10, 0.27, 0.53
HSL	38°, 16%, 41%
HSV	38°, 27%, 47%
XYZ	14.8286, 15.4063, 11.2090
YIQ	109.1940, 13.8930, -3.9870

Conversions

Conversions Part 2

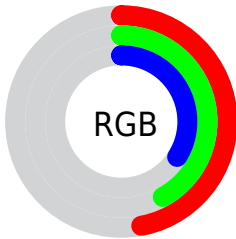
Format	Color
RYB	106, 120, 87
Decimal	7892055
CIELab	46.19, 1.13, 13.48
CIELCh	46, 13.529, 85.225
Yxy	15.4063, 0.3578, 0.3717
Android (android.graphics.Color)	4286082135 (0xFF786C57)
YUV	109.1940, -10.9416, 9.4769
Hunter-Lab	39.2509, -1.2535, 10.5440

Details

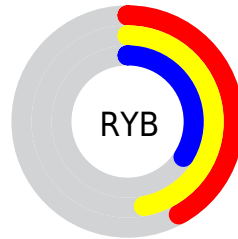
The Hex color **786C57** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **576378**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **AD9F89**, and **473D2A** is the 20% darker color. If you saturate the color by 10%, you get **78684B**, and if you desaturate by 10%, it is **787063**.

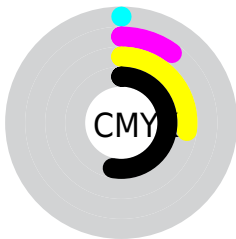
Distribution



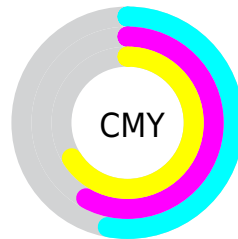
- Red (47%)
- Green (42%)
- Blue (34%)



- Red (42%)
- Yellow (47%)
- Blue (34%)



- Cyan (0%)
- Magenta (10%)
- Yellow (27%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786C57 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 786C57 by changing the saturation by 10% instead.

 786C57

 786C57

FFFFFF

 5F5440

 AD9F89

 473D2A

 C8BAA3

 302715

 E4D6BE

 1C1200

 FFF2DA

 000000

 FFFFF7

 786C57

 786C57

 78684B

 787063

 78633F

 78756F

 785F33

 78797B

 785B27

 787D87

 78561B

 788293

 78520F

 78869F

 784D03

 788BAB

 784C00

 788FB7

 7893C3

Harmonies

Analogous

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



81685B



786C57



6C7059

Triad

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



786C57



4F7477



7A687A

Complementary

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



786C57



576378

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.



6D6B82



786C57



537280

Square

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



786C57



54746B



5E6F84



836670

Rectangle

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



786C57



63725D



5E6F84



76697D

Sweetspot

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



786C57



9C978F



785763



4F4C47



CFCFCF



4F4F4F

Same Dimension

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



786C57



9C8968



747857



3D3B37



7D5000



FCA100

Inverse Universe

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



576378



687B9C



5B5778



37393D



002D7D



005CFC

Previews

White Background



This preview shows how the Hex color 786C57 looks on a white background.

Color Contrast Check

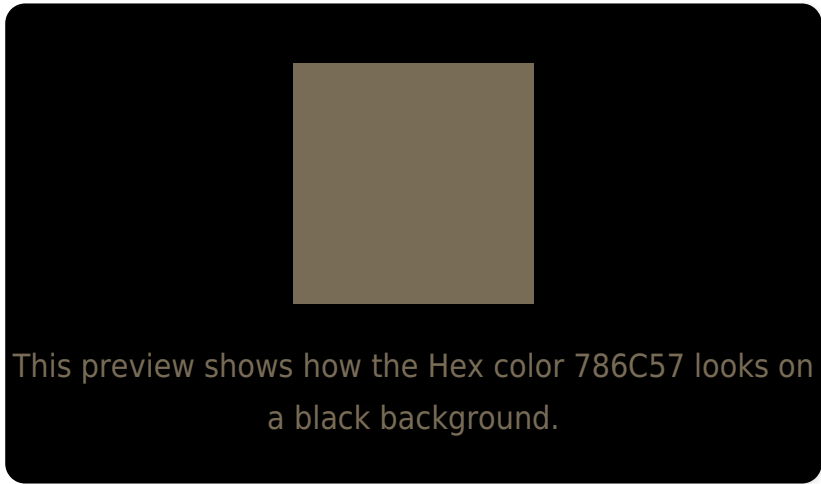
Large Text (above 18pt) WCAG AA ✓ Pass

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

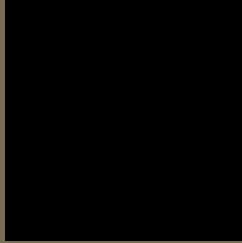
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

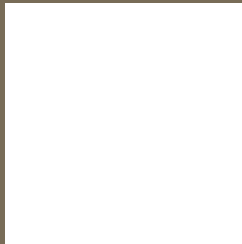
Any Text WCAG AAA × Fail

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

Hex 786C57 Background



This preview shows how black text looks on a background with the Hex color 786C57.



This preview shows how white text looks on a background with the Hex color 786C57.

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
786C57

Protanopia
746D58

Deuteranopia
806958



Tritanopia
7B6871

Trichromacy



Original Color
786C57

Protanomaly
756D58

Deuteranomaly
7D6A58

Tritanomaly
7A6968

Monochromacy



Original Color
786C57

Achromatopsia
6D6D6D

Achromatomaly
716D65

CSS Examples

Text

The CSS property to change the color of the text to Hex 786C57 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 #786C57 looks like.

```
.text, #text, p{  
    color:#786C57  
}
```

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 #786C57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786C57  
}
```

Border

The CSS property to change the border of an element to Hex 786C57 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  
#786C57 }
```

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

```
.border{ border-color:#786C57 }
```

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

Here you see how a box with a 4 pixel #786C57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786C57; -webkit-box-shadow:4px 4px  
4px 4px #786C57; box-shadow:4px 4px 4px  
4px #786C57 }
```

Background

The CSS property to change the background color of an element to Hex 786C57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786C57 }
```

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

```
.background{ background-color:#786C57 }
```

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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