

Converting Colors

Hex(786A55)

Have a look what the booklet for
Hex(786A55) contains.

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Color

Hex(786A55)

Conversions

Conversions Part 1

Format	Color
Hex	786A55
RGB	120, 106, 85
RGB Percent	47%, 42%, 33%
CMY	0.5294, 0.5843, 0.6667
CMYK	0.00, 0.12, 0.29, 0.53
HSL	36°, 17%, 40%
HSV	36°, 29%, 47%
XYZ	14.5395, 14.9570, 10.7150
YIQ	107.7920, 15.0850, -3.5630

Conversions

Conversions Part 2

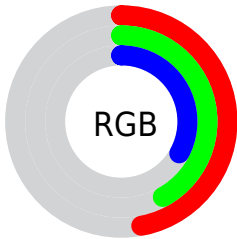
Format	Color
RYB	108, 120, 85
Decimal	7891541
CIELab	45.58, 2.00, 13.83
CIELCh	46, 13.971, 81.783
Yxy	14.9570, 0.3616, 0.3720
Android (android.graphics.Color)	4286081621 (0xFF786A55)
YUV	107.7920, -11.2365, 10.7064
Hunter-Lab	38.6743, -0.5736, 10.6453

Details

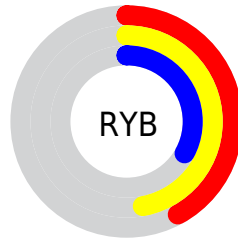
The Hex color **786A55** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **556378**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **AD9D87**, and **473B28** is the 20% darker color. If you saturate the color by 10%, you get **786549**, and if you desaturate by 10%, it is **786F61**.

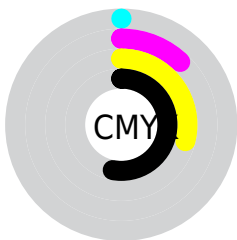
Distribution



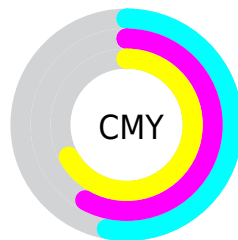
- Red (47%)
- Green (42%)
- Blue (33%)



- Red (42%)
- Yellow (47%)
- Blue (33%)



- Cyan (0%)
- Magenta (12%)
- Yellow (29%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786A55 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 786A55 by changing the saturation by 10% instead.



786A55



786A55

FFFFFF



5F523E



AD9D87



473B28



C8B8A1



302513



E4D4BC



1B1100



FFF0D8



000000



FFFFF4



786A55



786A55



786549



786F61



78603D



78746D

■ 785C31

■ 787879

■ 785725

■ 787D85

■ 785219

■ 788291

■ 784D0D

■ 78879D

■ 784801

■ 788CA9

■ 784800

■ 7890B5

■ 7895C1

Harmonies

Analogous

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



81665A



786A55



6C6E56

Triad

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



786A55



4C7274



78667A

Complementary

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



786A55



556378

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.



6A6A81



786A55



4F717E

Square

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



786A55



537268



5A6E83



816470

Rectangle

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



786A55



63705A



5A6E83



74677D

Sweetspot

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



786A55



9C968E



785563



4F4C46



CFCFCF



4F4F4F

Same Dimension

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



786A55



9C8665



747855



3D3B37



7D4B00



FC9700

Inverse Universe

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



556378



657B9C



585578



373A3D



00327D



0065FC

Previews

White Background



This preview shows how the Hex color 786A55 looks on a white background.

Color Contrast Check

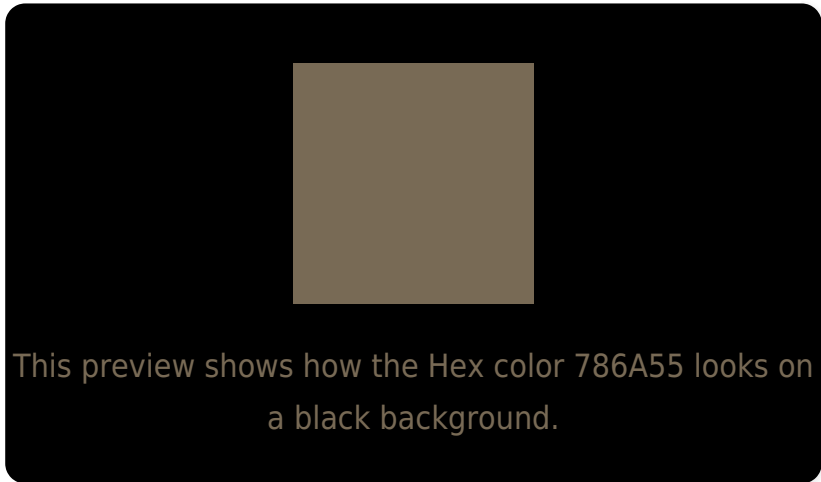
Large Text (above 18pt) WCAG AA ✓ Pass

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

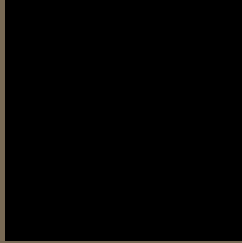
Any Text WCAG AA × Fail

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 786A55 Background



This preview shows how black text looks on a background with the Hex color 786A55.



This preview shows how white text looks on a background with the Hex color 786A55.

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

786A55

Protanopia

736C56

Deuteranopia

7E6855



Tritanopia
7B676E

Trichromacy



Original Color
786A55

Protanomaly
756B56

Deuteranomaly
7C6955

Tritanomaly
7A6865

Monochromacy



Original Color
786A55

Achromatopsia
6C6C6C

Achromatomaly
706B64

CSS Examples

Text

The CSS property to change the color of the text to Hex 786A55 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 #786A55 looks like.

```
.text, #text, p{  
    color:#786A55  
}
```

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 #786A55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786A55
}
```

Border

The CSS property to change the border of an element to Hex 786A55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

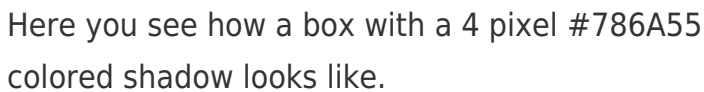
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#786A55 }
```

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

```
.border{ border-color:#786A55 }
```

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



Here you see how a box with a 4 pixel #786A55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786A55; -webkit-box-shadow:4px 4px  
4px 4px #786A55; box-shadow:4px 4px 4px  
4px #786A55 }
```

Background

The CSS property to change the background color of an element to Hex 786A55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786A55 }
```

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

```
.background{ background-color:#786A55 }
```

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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