

Converting Colors

Hex(786E42)

Have a look what the booklet for
Hex(786E42) contains.

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Color

Hex(786E42)

Conversions

Conversions Part 1

Format	Color
Hex	786E42
RGB	120, 110, 66
RGB Percent	47%, 43%, 26%
CMY	0.5294, 0.5686, 0.7412
CMYK	0.00, 0.08, 0.45, 0.53
HSL	49°, 29%, 36%
HSV	49°, 45%, 47%
XYZ	14.3050, 15.5383, 7.3995
YIQ	107.9740, 20.0840, -11.5640

Conversions

Conversions Part 2

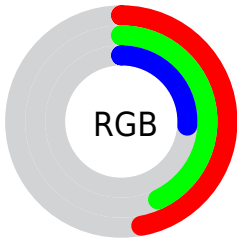
Format	Color
R_{YB}	78, 120, 66
Decimal	7892546
CIE _{Lab}	46.36, -2.84, 25.91
CIE _{LCh}	46, 26.061, 96.263
Yxy	15.5383, 0.3841, 0.4172
Android (android.graphics.Color)	4286082626 (0xFF786E42)
YUV	107.9740, -20.6932, 10.5468
Hunter-Lab	39.4186, -4.2049, 16.4634

Details

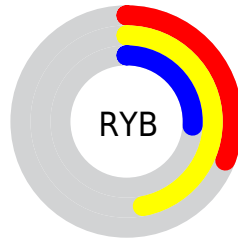
The Hex color **786E42** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **424C78**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **ADA173**, and **463F15** is the 20% darker color. If you saturate the color by 10%, you get **786C36**, and if you desaturate by 10%, it is **78704E**.

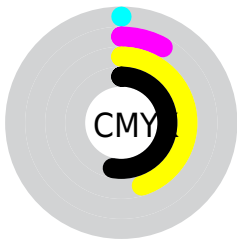
Distribution



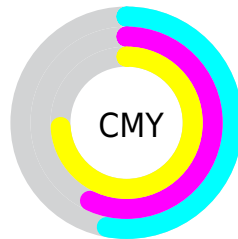
- Red (47%)
- Green (43%)
- Blue (26%)



- Red (31%)
- Yellow (47%)
- Blue (26%)



- Cyan (0%)
- Magenta (8%)
- Yellow (45%)
- Black (53%)



- Cyan (53%)
- Magenta (57%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786E42 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 786E42 by changing the saturation by 10% instead.



786E42



786E42

FFFFFF



5F562B



ADA173



463F15



C9BC8C



2F2900



E6D8A7



171500



FFF5C2



000000



FFFFDE



FFFFFB



786E42



786E42



786C36



78704E

■ 786A2A

■ 78725A

■ 78671E

■ 787566

■ 786512

■ 787772

■ 786306

■ 78797E

■ 786200

■ 787B8A

■ 787E96

■ 7880A2

■ 7882AE

Harmonies

Analogous

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



8B6746



786E42



60744A

Triad

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



786E42



197987



8D6080

Complementary

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



786E42



424C78

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.



766791



786E42



327595

Square

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



786E42



2A7A72



566E99



985D6A

Rectangle

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



786E42



4F7755



566E99



876286

Sweetspot

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



786E42



9C9886



78424D



4F4D42



CFCFCF



4F4F4F

Same Dimension

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



786E42



9C8C48



687842



3D3C37



7D6600



FCCE00

Inverse Universe

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



424C78



48579C



524278



37383D



00177D



002FFC

Previews

White Background



This preview shows how the Hex color 786E42 looks on a white background.

Color Contrast Check

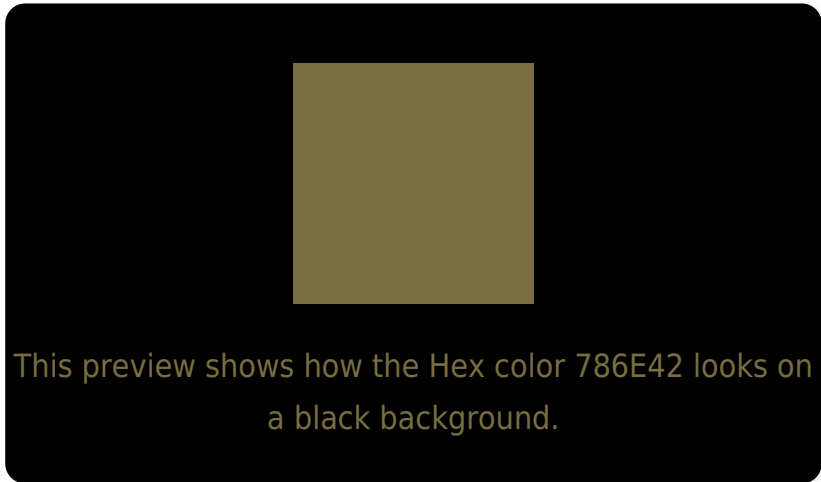
Large Text (above 18pt) WCAG AA ✓ Pass

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

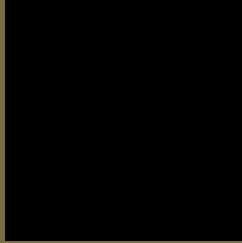
Any Text WCAG AA × Fail

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 786E42 Background



This preview shows how black text looks on a background with the Hex color 786E42.



This preview shows how white text looks on a background with the Hex color 786E42.

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


786E42

Protanopia

786E42

Deuteranopia

856943



Tritanopia
7D6871

Trichromacy



Original Color
786E42

Protanomaly
786E42

Deuteranomaly
806B43

Tritanomaly
7B6A60

Monochromacy



Original Color
786E42

Achromatopsia
6C6C6C

Achromatomaly
706D5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 786E42 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 #786E42 looks like.

```
.text, #text, p{  
    color:#786E42  
}
```

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 #786E42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786E42  
}
```

Border

The CSS property to change the border of an element to Hex 786E42 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  
#786E42 }
```

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

```
.border{ border-color:#786E42 }
```

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

Here you see how a box with a 4 pixel #786E42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786E42; -webkit-box-shadow:4px 4px  
4px 4px #786E42; box-shadow:4px 4px 4px  
4px #786E42 }
```

Background

The CSS property to change the background color of an element to Hex 786E42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786E42 }
```

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

```
.background{ background-color:#786E42 }
```

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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