

Converting Colors

Hex(786B47)

Have a look what the booklet for
Hex(786B47) contains.

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Color

Hex(786B47)

Conversions

Conversions Part 1

Format	Color
Hex	786B47
RGB	120, 107, 71
RGB Percent	47%, 42%, 28%
CMY	0.5294, 0.5804, 0.7216
CMYK	0.00, 0.11, 0.41, 0.53
HSL	44°, 26%, 37%
HSV	44°, 41%, 47%
XYZ	14.1408, 14.9634, 8.1042
YIQ	106.7830, 19.3040, -8.4400

Conversions

Conversions Part 2

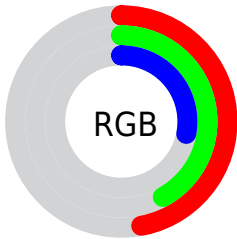
Format	Color
RYB	89, 120, 71
Decimal	7891783
CIELab	45.58, -0.51, 22.05
CIELCh	46, 22.056, 91.320
Yxy	14.9634, 0.3800, 0.4022
Android (android.graphics.Color)	4286081863 (0xFF786B47)
YUV	106.7830, -17.6410, 11.5913
Hunter-Lab	38.6825, -2.4422, 14.6563

Details

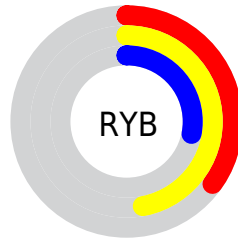
The Hex color **786B47** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **475478**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **AD9E78**, and **463C1A** is the 20% darker color. If you saturate the color by 10%, you get **78683B**, and if you desaturate by 10%, it is **786E53**.

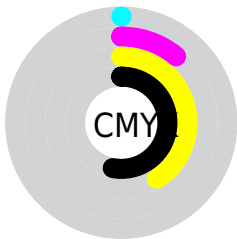
Distribution



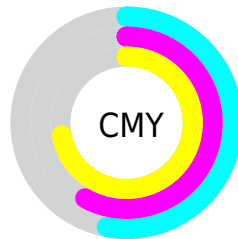
- Red (47%)
- Green (42%)
- Blue (28%)



- Red (35%)
- Yellow (47%)
- Blue (28%)



- Cyan (0%)
- Magenta (11%)
- Yellow (41%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786B47 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 786B47 by changing the saturation by 10% instead.



786B47



786B47

FFFFFF



5F5330



AD9E78



463C1A



C9B992



2F2602



E5D5AC



181200



FFF1C8



000000



FFFEE4



786B47



786B47



78683B



786E53



78652F



78715F

 786123

 78756B

 785E17

 787877

 785B0B

 787B83

 785800

 787E8F

 78819B

 7884A7

 7888B3

Harmonies

Analogous

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



87654C



786B47



64714C

Triad

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



786B47



30757E



84617E

Complementary

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



786B47



475478

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.



70678B



786B47



3B738C

Square

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



786B47



3A766C



556D90



8F5E6C

Rectangle

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



786B47



567354



556D90



7E6383

Sweetspot

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



786B47



9C9789



784754



4F4C44



CFCFCF



4F4F4F

Same Dimension

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



786B47



9C874F



6D7847



3D3C37



7D5C00



FCB900

Inverse Universe

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



475478



4F649C



524778



37393D



00217D



0043FC

Previews

White Background



This preview shows how the Hex color 786B47 looks on a white background.

Color Contrast Check

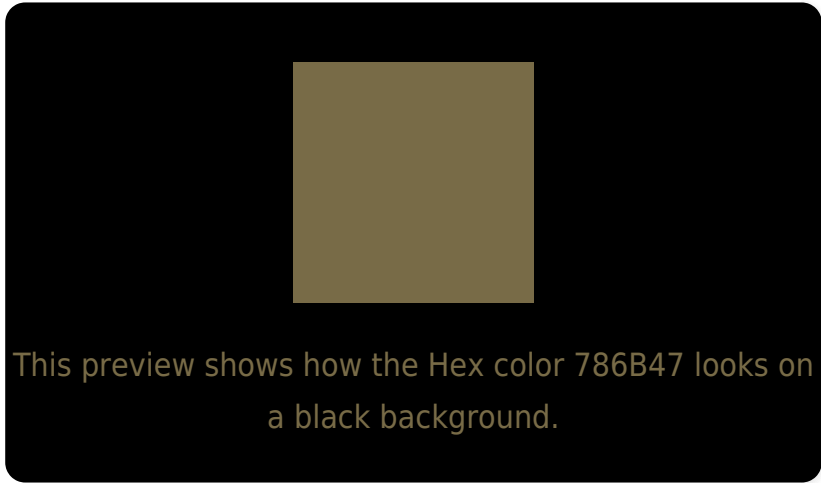
Large Text (above 18pt) WCAG AA ✓ Pass

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

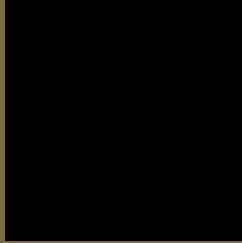
Any Text WCAG AA × Fail

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 786B47 Background



This preview shows how black text looks on a background with the Hex color 786B47.



This preview shows how white text looks on a background with the Hex color 786B47.

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


786B47

Protanopia

756C47

Deuteranopia

826748



Tritanopia
7C666E

Trichromacy



Original Color

786B47

Protanomaly

766C47

Deuteranomaly

7E6848

Tritanomaly

7B6860

Monochromacy



Original Color

786B47

Achromatopsia

6B6B6B

Achromatomaly

706B5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 786B47 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 #786B47 looks like.

```
.text, #text, p{  
    color:#786B47  
}
```

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 #786B47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786B47
}
```

Border

The CSS property to change the border of an element to Hex 786B47 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
#786B47 }
```

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

```
.border{ border-color:#786B47 }
```

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

Here you see how a box with a 4 pixel #786B47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786B47; -webkit-box-shadow:4px 4px  
4px 4px #786B47; box-shadow:4px 4px 4px  
4px #786B47 }
```

Background

The CSS property to change the background color of an element to Hex 786B47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786B47 }
```

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

```
.background{ background-color:#786B47 }
```

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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