

Converting Colors

Hex(787F46)

Have a look what the booklet for
Hex(787F46) contains.

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Color

Hex(787F46)

Conversions

Conversions Part 1

Format	Color
Hex	787F46
RGB	120, 127, 70
RGB Percent	47%, 50%, 27%
CMY	0.5294, 0.5020, 0.7255
CMYK	0.06, 0.00, 0.45, 0.50
HSL	67°, 29%, 39%
HSV	67°, 45%, 50%
XYZ	16.4406, 19.6140, 8.7137
YIQ	118.4090, 14.1250, -19.2110

Conversions

Conversions Part 2

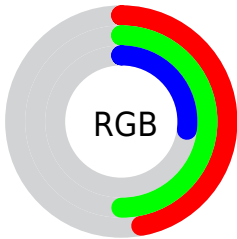
Format	Color
RYB	70, 127, 77
Decimal	7896902
CIELab	51.40, -11.92, 30.02
CIELCh	51, 32.296, 111.659
Yxy	19.6140, 0.3672, 0.4381
Android (android.graphics.Color)	4286086982 (0xFF787F46)
YUV	118.4090, -23.8656, 1.3953
Hunter-Lab	44.2877, -11.2403, 19.3359

Details

The Hex color **787F46** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4D467F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **ADB477**, and **464E18** is the 20% darker color. If you saturate the color by 10%, you get **767F39**, and if you desaturate by 10%, it is **7A7F53**.

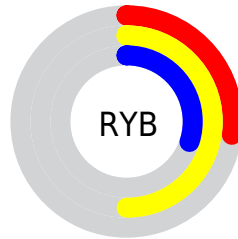
Distribution



Red (47%)

Green (50%)

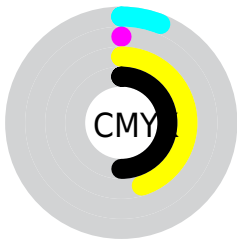
Blue (27%)



Red (27%)

Yellow (50%)

Blue (30%)

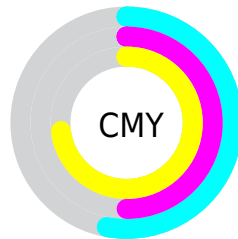


Cyan (6%)

Magenta (0%)

Yellow (45%)

Black (50%)



Cyan (53%)

Magenta (50%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 787F46 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 787F46 by changing the saturation by 10% instead.



787F46



787F46

FFFFFF



5F662F



ADB477



464E18



C9CF92



2F3700



E5EBAC



182200



FFFFC8



000A00



FFFFE4



000000



787F46



787F46



767F39



7A7F53



757F2D



7B7F5F

 737F20

 7D7F6C

 727F13

 7E7F79

 707F07

 807F85

 6F7F00

 817F92

 837F9F

 847FAC

 867FB8

Harmonies

Analogous

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



937643



787F46



588557

Triad

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



787F46



0086A5



AB6583

Complementary

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



787F46



4D467F

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.



966C9D



787F46



4180B1

Square

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



787F46



00898E



7276AE



B06668

Rectangle

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



787F46



3F8868



7276AE



A5678D

Sweetspot

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



787F46



A3A690



7F4D46



525447



D4D4D4



545454

Same Dimension

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



787F46



9BA64C



5C7F46



3F4039



708000



000000

Inverse Universe

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



4D467F



574CA6



69467F



3A3940



100080



000000

Previews

White Background



This preview shows how the Hex color 787F46 looks on a white background.

Color Contrast Check

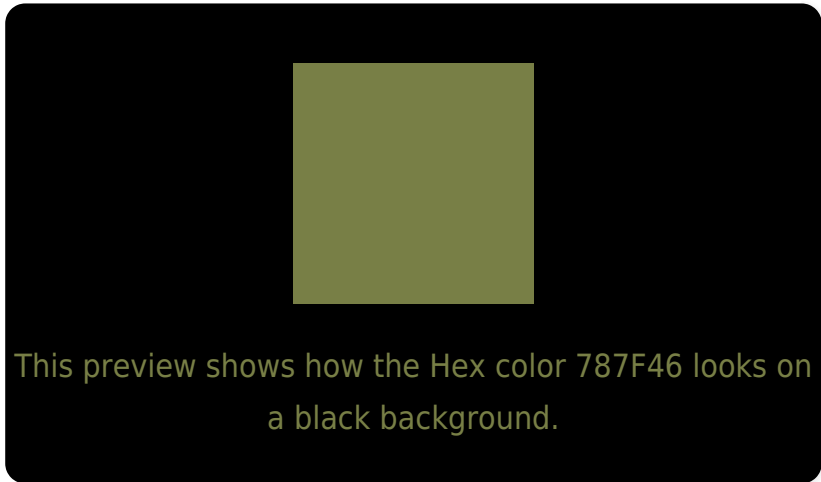
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

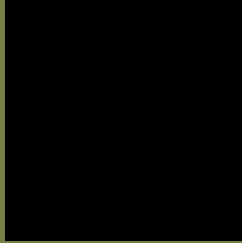
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 787F46 Background



This preview shows how black text looks on a background with the Hex color 787F46.



This preview shows how white text looks on a background with the Hex color 787F46.

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
787F46

Protanopia
867A44

Deuteranopia
957548



Tritanopia
7F7882

Trichromacy



Original Color
787F46

Protanomaly
817C45

Deuteranomaly
8A7947

Tritanomaly
7C7B6C

Monochromacy



Original Color
787F46

Achromatopsia
767676

Achromatomaly
777965

CSS Examples

Text

The CSS property to change the color of the text to Hex 787F46 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 #787F46 looks like.

```
.text, #text, p{  
    color:#787F46  
}
```

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 #787F46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787F46
}
```

Border

The CSS property to change the border of an element to Hex 787F46 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
#787F46 }
```

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

```
.border{ border-color:#787F46 }
```

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

Here you see how a box with a 4 pixel #787F46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787F46; -webkit-box-shadow:4px 4px  
4px 4px #787F46; box-shadow:4px 4px 4px  
4px #787F46 }
```

Background

The CSS property to change the background color of an element to Hex 787F46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787F46 }
```

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

```
.background{ background-color:#787F46 }
```

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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