Converting Colors

Hex(786E4B)

Have a look what the booklet for Hex(786E4B) contains.

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Color

Hex(786E4B)

Conversions

Conversions Part 1

Format	Color
Hex	786E4B
RGB	120, 110, 75
RGB Percent	47%, 43%, 29%
CMY	0.5294, 0.5686, 0.7059
CMYK	0.00, 0.08, 0.37, 0.53
HSL	47°, 23%, 38%
HSV	47°, 37%, 47%
XYZ	14.5917, 15.6529, 8.9089
YIQ	109.0000, 17.1950, -8.7650

Conversions

Conversions Part 2

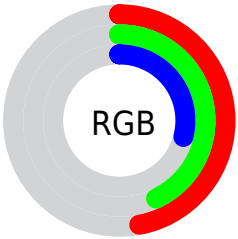
Format	Color
RYB	88, 120, 75
Decimal	7892555
CIELab	46.52, -1.74, 20.96
CIELCh	47, 21.032, 94.740
Yxy	15.6529, 0.3727, 0.3998
Android (android.graphics.Color)	4286082635 (0xFF786E4B)
YUV	109.0000, -16.7620, 9.6470
Hunter-Lab	39.5638, -3.4034, 14.3439

Details

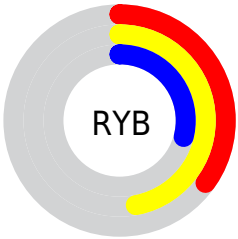
The Hex color 786E4B is a dark color, and the websafe version is hex 666633. A complement of this color would be 4B5578, and the grayscale version is 6D6D6D.

A 20% lighter version of the original color is ADA17C, and 463F1E is the 20% darker color. If you saturate the color by 10%, you get 786B3F, and if you desaturate by 10%, it is 787157.

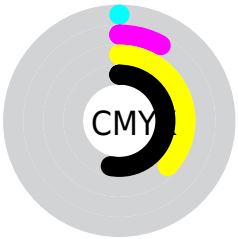
Distribution



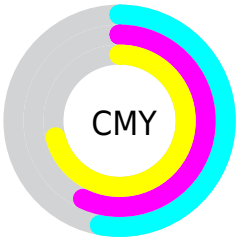
- Red (47%)
- Green (43%)
- Blue (29%)



- Red (35%)
- Yellow (47%)
- Blue (29%)



- Cyan (0%)
- Magenta (8%)
- Yellow (37%)
- Black (53%)



- Cyan (53%)
- Magenta (57%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786E4B 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 786E4B by changing the saturation by 10% instead.

786E4B

FFFFFF

ADA17C

C9BC96

E5D8B1

FFF5CC

FFFFE9

786E4B

5F5634

463F1E

2F2907

191500

000000

786E4B

786B3F

786933

786E4B

787157

787363

786627

78631B

78610F

785E03

785D00

78766F

78797B

787B87

787E93

78819F

7883AB

7886B7

Harmonies

Analogous

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

87684F

786E4B

657351

Triad

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

786E4B

377782

87637E

Complementary

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

786E4B

4B5578

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.

74698B

786E4B

43748E

Square

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

786E4B

3E7870

5C6F91

91616C

Rectangle

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

786E4B

577659

5C6F91

826583

Sweetspot

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

786E4B

9C988A

784B56

4F4D45

CFCFCF

4F4F4F

Same Dimension

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

786E4B

9C8C56

6C784B

3D3C37

7D6100

FCC400

Inverse Universe

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

4B5578

56659C

574B78

37383D

001C7D

0038FC

Previews

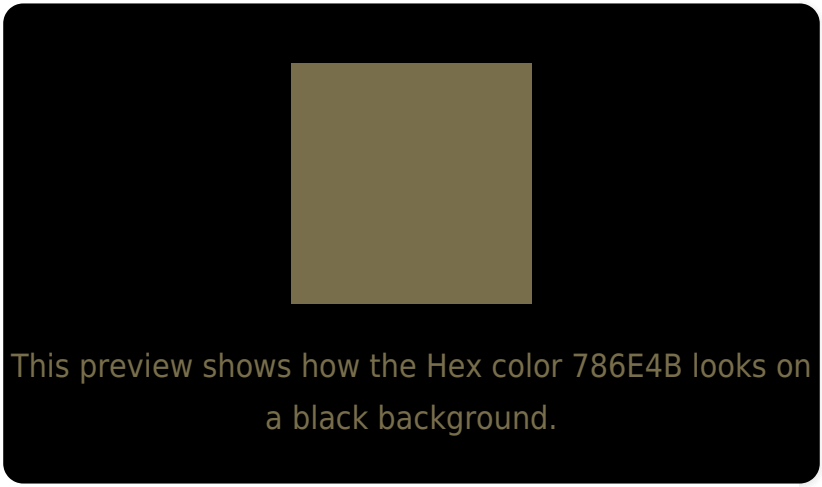
White Background

This preview shows how the Hex color 786E4B 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 786E4B Background

This preview shows how black text looks on a background with the Hex color 786E4B.

This preview shows how white text looks on a background with the Hex color 786E4B.

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
786E4B

Protanopia
776E4B

Deuteranopia
846A4C

Tritanopia
7C6971

Trichromacy

Original Color
786E4B

Protanomaly
776E4B

Deuteranomaly
806B4C

Tritanomaly
7B6B63

Monochromacy

Original Color
786E4B

Achromatopsia
6D6D6D

Achromatomaly
716D61

CSS Examples

Text

The CSS property to change the color of the text to Hex 786E4B 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 #786E4B looks like.

```
.text, #text, p{
    color:#786E4B
}
```

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 #786E4B colored shadow looks like.

Here you see how black text with a 4 pixel #786E4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786E4B
}
```

Border

The CSS property to change the border of an element to Hex 786E4B 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
#786E4B }
```

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

```
.border{ border-color:#786E4B }
```

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

Here you see how a box with a 4 pixel #786E4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #786E4B; -webkit-box-shadow:4px 4px 4px 4px #786E4B; box-shadow:4px 4px 4px 4px #786E4B }
```

Background

The CSS property to change the background color of an element to Hex 786E4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:#786E4B }
```

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

```
.background{ background-color:#786E4B }
```

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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