

Converting Colors

Hex(786B54)

Have a look what the booklet for
Hex(786B54) contains.

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Color

Hex(786B54)

Conversions

Conversions Part 1

Format	Color
Hex	786B54
RGB	120, 107, 84
RGB Percent	47%, 42%, 33%
CMY	0.5294, 0.5804, 0.6706
CMYK	0.00, 0.11, 0.30, 0.53
HSL	38°, 18%, 40%
HSV	38°, 30%, 47%
XYZ	14.6037, 15.1486, 10.5418
YIQ	108.2650, 15.1310, -4.3970

Conversions

Conversions Part 2

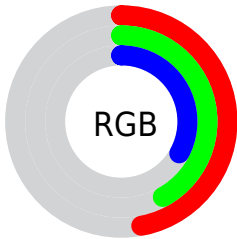
Format	Color
RYB	104, 120, 84
Decimal	7891796
CIELab	45.84, 1.26, 14.78
CIELCh	46, 14.833, 85.121
Yxy	15.1486, 0.3624, 0.3760
Android (android.graphics.Color)	4286081876 (0xFF786B54)
YUV	108.2650, -11.9626, 10.2916
Hunter-Lab	38.9211, -1.1368, 11.1861

Details

The Hex color **786B54** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **546178**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **AD9E86**, and **473C27** is the 20% darker color. If you saturate the color by 10%, you get **786748**, and if you desaturate by 10%, it is **786F60**.

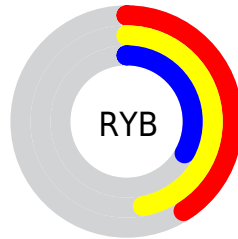
Distribution



Red (47%)

Green (42%)

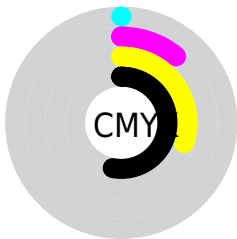
Blue (33%)



Red (41%)

Yellow (47%)

Blue (33%)

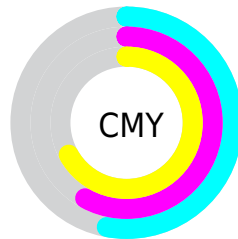


Cyan (0%)

Magenta (11%)

Yellow (30%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786B54 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 786B54 by changing the saturation by 10% instead.



786B54



786B54

FFFFFF



5F533D



AD9E86



473C27



C8B9A0



302612



E5D5BB



1B1200



FFF1D7



000000



FFFFF3



786B54



786B54



786748



786F60



78623C



78746C

■ 785E30

■ 787878

■ 785A24

■ 787C84

■ 785518

■ 788190

■ 78510C

■ 78859C

■ 784D00

■ 7889A8

■ 788EB4

■ 7892C0

Harmonies

Analogous

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



826759



786B54



6B6F56

Triad

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



786B54



4A7377



7B667B

Complementary

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



786B54



546178

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.



6C6A83



786B54



4E7280

Square

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



786B54



50746A



5B6E85



84646F

Rectangle

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



786B54



61715B



5B6E85



76677E

Sweetspot

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



786B54



9C968E



785461



4F4C46



CFCFCF



4F4F4F

Same Dimension

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



786B54



9C8764



737854



3D3B37



7D5000



FCA100

Inverse Universe

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



546178



64789C



595478



37393D



002D7D



005BFC

Previews

White Background



This preview shows how the Hex color 786B54 looks on a white background.

Color Contrast Check

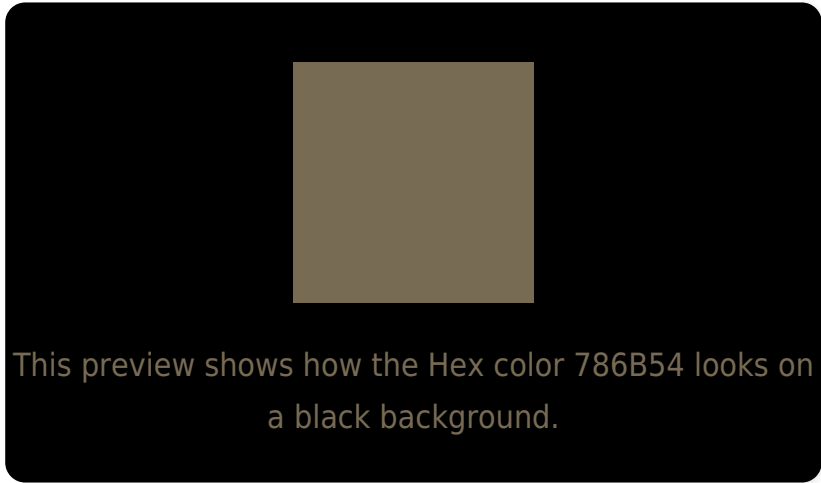
Large Text (above 18pt) WCAG AA ✓ Pass

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

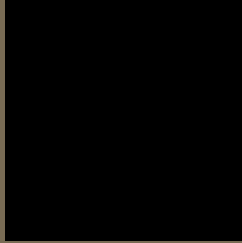
Any Text WCAG AA × Fail

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 786B54 Background



This preview shows how black text looks on a background with the Hex color 786B54.

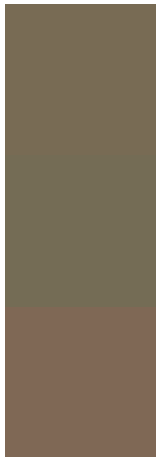


This preview shows how white text looks on a background with the Hex color 786B54.

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
786B54

Protanopia
746C55

Deuteranopia
7F6855



Tritanopia
7B676F

Trichromacy



Original Color
786B54

Protanomaly
756C55

Deuteranomaly
7C6955

Tritanomaly
7A6865

Monochromacy



Original Color
786B54

Achromatopsia
6C6C6C

Achromatomaly
706C63

CSS Examples

Text

The CSS property to change the color of the text to Hex 786B54 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 #786B54 looks like.

```
.text, #text, p{  
    color:#786B54  
}
```

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 #786B54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786B54  
}
```

Border

The CSS property to change the border of an element to Hex 786B54 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  
#786B54 }
```

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

```
.border{ border-color:#786B54 }
```

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

Here you see how a box with a 4 pixel #786B54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786B54; -webkit-box-shadow:4px 4px  
4px 4px #786B54; box-shadow:4px 4px 4px  
4px #786B54 }
```

Background

The CSS property to change the background color of an element to Hex 786B54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786B54 }
```

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

```
.background{ background-color:#786B54 }
```

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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