

Converting Colors

Hex(786B5F)

Have a look what the booklet for
Hex(786B5F) contains.

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Color

Hex(786B5F)

Conversions

Conversions Part 1

Format	Color
Hex	786B5F
RGB	120, 107, 95
RGB Percent	47%, 42%, 37%
CMY	0.5294, 0.5804, 0.6275
CMYK	0.00, 0.11, 0.21, 0.53
HSL	29°, 12%, 42%
HSV	29°, 21%, 47%
XYZ	15.0690, 15.3347, 12.9921
YIQ	109.5190, 11.6000, -0.9760

Conversions

Conversions Part 2

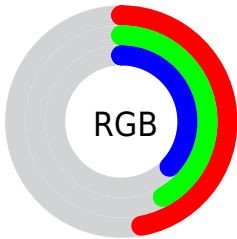
Format	Color
R_{YB}	120, 118, 95
Decimal	7891807
CIE Lab	46.09, 2.99, 8.59
CIE LCh	46, 9.093, 70.810
Yxy	15.3347, 0.3472, 0.3534
Android (android.graphics.Color)	4286081887 (0xFF786B5F)
YUV	109.5190, -7.1579, 9.1918
Hunter-Lab	39.1595, 0.1594, 7.7407

Details

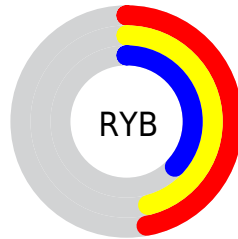
The Hex color **786B5F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5F6C78**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **AD9E91**, and **473C31** is the 20% darker color. If you saturate the color by 10%, you get **786553**, and if you desaturate by 10%, it is **78716B**.

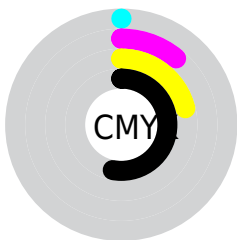
Distribution



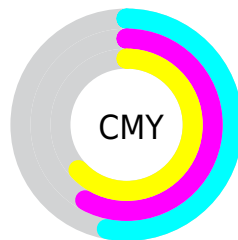
- Red (47%)
- Green (42%)
- Blue (37%)



- Red (47%)
- Yellow (46%)
- Blue (37%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786B5F 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 786B5F by changing the saturation by 10% instead.

■ 786B5F

■ 786B5F

FFFFFF

■ 5F5347

■ AD9E91

■ 473C31

■ C8B9AC

■ 30261C

■ E4D5C7

■ 1D1101

■ FFF1E3

■ 000000

■ 786B5F

■ 786B5F

■ 786553

■ 78716B

■ 785F47

■ 787777

■ 78583B

■ 787E83

■ 78522F

■ 78848F

■ 784C23

■ 788A9B

■ 784617

■ 7890A7

■ 783F0B

■ 7897B3

■ 783A00

■ 789DBF

■ 78A3CB

Harmonies

Analogous

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



7D6964



786B5F



706E5E

Triad

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



786B5F



5B7270



726A79

Complementary

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



786B5F



5F6C78

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.



686D7C



786B5F



5A7177

Square

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



786B5F



607168



606F7B



7A6972

Rectangle

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



786B5F



6B6F60



606F7B



6F6B7A

Sweetspot

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



786B5F



9C9792



785F6C



4F4C4A



CFCFCF



4F4F4F

Same Dimension

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



786B5F



9C8775



78775F



3D3A37



7D3C00



FC7900

Inverse Universe

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



5F6C78



75899C



5F6078



373A3D



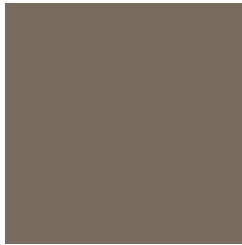
00417D



0083FC

Previews

White Background



This preview shows how the Hex color 786B5F looks on a white background.

Color Contrast Check

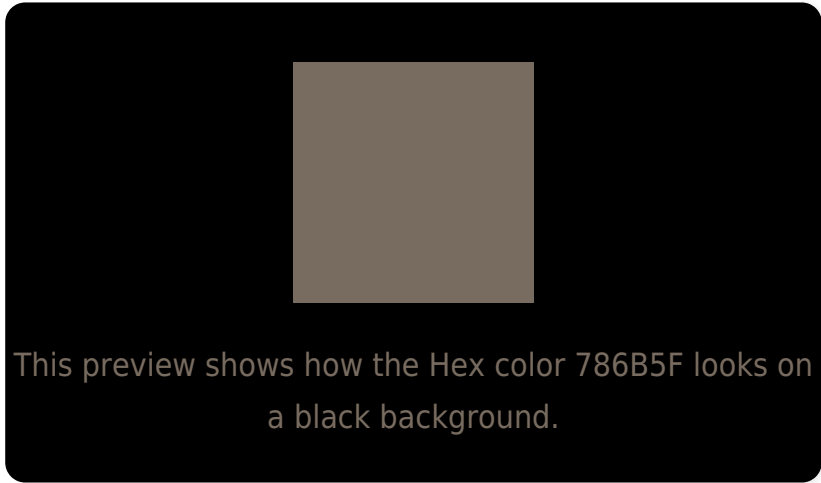
Large Text (above 18pt) WCAG AA ✓ Pass

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

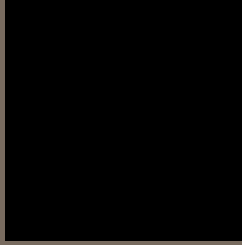
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

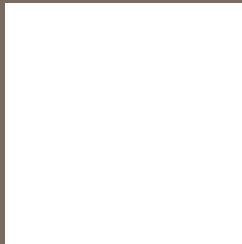
Any Text WCAG AAA × Fail

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

Hex 786B5F Background



This preview shows how black text looks on a background with the Hex color 786B5F.



This preview shows how white text looks on a background with the Hex color 786B5F.

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


786B5F

Protanopia

726D60

Deuteranopia

7D695F



Tritanopia
7A6871

Trichromacy



Original Color
786B5F

Protanomaly
746C60

Deuteranomaly
7B6A5F

Tritanomaly
79696A

Monochromacy



Original Color
786B5F

Achromatopsia
6E6E6E

Achromatomaly
726D69

CSS Examples

Text

The CSS property to change the color of the text to Hex 786B5F 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 #786B5F looks like.

```
.text, #text, p{  
    color:#786B5F  
}
```

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 #786B5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786B5F
}
```

Border

The CSS property to change the border of an element to Hex 786B5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

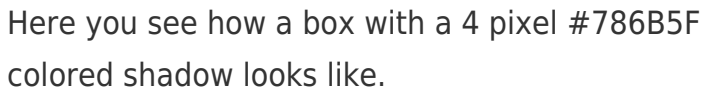
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#786B5F }
```

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

```
.border{ border-color:#786B5F }
```

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



Here you see how a box with a 4 pixel `#786B5F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786B5F; -webkit-box-shadow:4px 4px  
4px 4px #786B5F; box-shadow:4px 4px 4px  
4px #786B5F }
```

Background

The CSS property to change the background color of an element to Hex 786B5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786B5F }
```

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

```
.background{ background-color:#786B5F }
```

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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