

Converting Colors

Hex(786F6B)

Have a look what the booklet for
Hex(786F6B) contains.

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Color

Hex(786F6B)

Conversions

Conversions Part 1

Format	Color
Hex	786F6B
RGB	120, 111, 107
RGB Percent	47%, 44%, 42%
CMY	0.5294, 0.5647, 0.5804
CMYK	0.00, 0.07, 0.11, 0.53
HSL	18°, 6%, 45%
HSV	18°, 11%, 47%
XYZ	16.0840, 16.4235, 16.2322
YIQ	113.2350, 6.6480, 0.6640

Conversions

Conversions Part 2

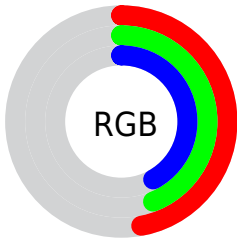
Format	Color
R_{YB}	120, 113, 107
Decimal	7892843
CIE _{Lab}	47.53, 2.74, 3.48
CIE _{LCh}	48, 4.430, 51.732
Yxy	16.4235, 0.3300, 0.3370
Android (android.graphics.Color)	4286082923 (0xFF786F6B)
YUV	113.2350, -3.0739, 5.9329
Hunter-Lab	40.5259, -0.0768, 4.6201

Details

The Hex color **786F6B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B7478**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **ACA39E**, and **473F3C** is the 20% darker color. If you saturate the color by 10%, you get **78675F**, and if you desaturate by 10%, it is **787777**.

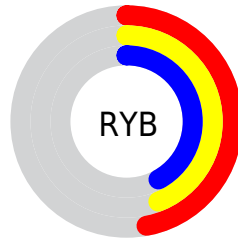
Distribution



Red (47%)

Green (44%)

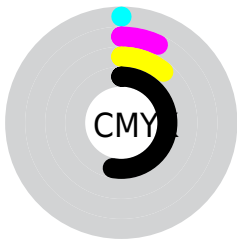
Blue (42%)



Red (47%)

Yellow (44%)

Blue (42%)

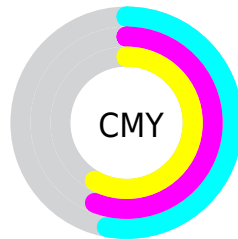


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (53%)



Cyan (53%)

Magenta (56%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786F6B 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 786F6B by changing the saturation by 10% instead.



786F6B



786F6B

FFFFFF



5F5753



ACA39E



473F3C



C8BEB9



312A26



E4D9D5



1C1511



FFF6F1



000000



786F6B



786F6B



78675F



787777



785E53



788083



785647



78888F

■ 784E3B

■ 78909B

■ 78452F

■ 7899A7

■ 783D23

■ 78A1B3

■ 783517

■ 78A9BF

■ 782D0B

■ 78B1CB

■ 782500

■ 78BAD7

Harmonies

Analogous

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



796E6E



786F6B



757069

Triad

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



786F6B



697370



707078

Complementary

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



786F6B



6B7478

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.



6C7178



786F6B



687373

Square

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



786F6B



6D726C



697276



756F75

Rectangle

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



786F6B



727169



697276



6F7178

Sweetspot

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



786F6B



9C9897



786B74



4F4D4C



CFCFCF



4F4F4F

Same Dimension

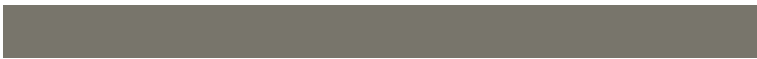
The Same Dimension uses a secret algorithm to generate beautiful new colors.



786F6B



9C8E87



78756B



3D3937



7D2600



FC4E00

Inverse Universe

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



6B7478



87959C



6B6E78



373B3D



00577D



00AFFC

Previews

White Background



This preview shows how the Hex color 786F6B looks on a white background.

Color Contrast Check

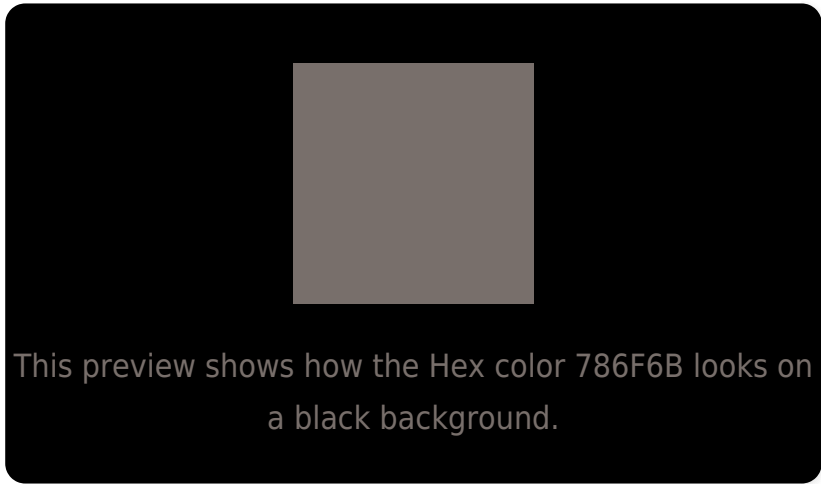
Large Text (above 18pt) WCAG AA ✓ Pass

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

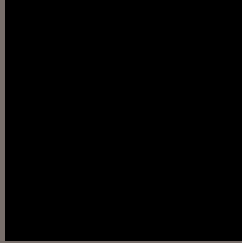
Any Text WCAG AA × Fail

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 786F6B Background



This preview shows how black text looks on a background with the Hex color 786F6B.



This preview shows how white text looks on a background with the Hex color 786F6B.

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


786F6B

Protanopia

74706C

Deuteranopia

7E6D6B



Tritanopia
7A6D76

Trichromacy



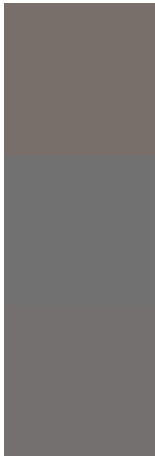
Original Color
786F6B

Protanomaly
75706C

Deuteranomaly
7C6E6B

Tritanomaly
796E72

Monochromacy



Original Color
786F6B

Achromatopsia
717171

Achromatomaly
74706F

CSS Examples

Text

The CSS property to change the color of the text to Hex 786F6B 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 #786F6B looks like.

```
.text, #text, p{  
    color:#786F6B  
}
```

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 #786F6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786F6B
}
```

Border

The CSS property to change the border of an element to Hex 786F6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

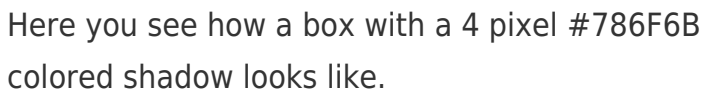
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#786F6B }
```

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

```
.border{ border-color:#786F6B }
```

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



Here you see how a box with a 4 pixel `#786F6B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786F6B; -webkit-box-shadow:4px 4px  
4px 4px #786F6B; box-shadow:4px 4px 4px  
4px #786F6B }
```

Background

The CSS property to change the background color of an element to Hex 786F6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786F6B }
```

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

```
.background{ background-color:#786F6B }
```

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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