

Converting Colors

Hex(75786C)

Have a look what the booklet for
Hex(75786C) contains.

Hex(75786C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(75786C)

Conversions

Conversions Part 1

Format	Color
Hex	75786C
RGB	117, 120, 108
RGB Percent	46%, 47%, 42%
CMY	0.5412, 0.5294, 0.5765
CMYK	0.03, 0.00, 0.10, 0.53
HSL	75°, 5%, 45%
HSV	75°, 10%, 47%
XYZ	16.7594, 18.2976, 16.8358
YIQ	117.7350, 2.0640, -4.3680

Conversions

Conversions Part 2

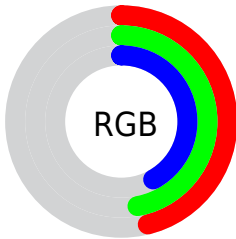
Format	Color
RYB	108, 120, 111
Decimal	7698540
CIELab	49.86, -3.48, 6.20
CIELCh	50, 7.107, 119.322
Yxy	18.2976, 0.3230, 0.3526
Android (android.graphics.Color)	4285888620 (0xFF75786C)
YUV	117.7350, -4.7994, -0.6446
Hunter-Lab	42.7756, -4.9216, 6.6073

Details

The Hex color **75786C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F6C78**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A9AC9F**, and **45483D** is the 20% darker color. If you saturate the color by 10%, you get **727860**, and if you desaturate by 10%, it is **787878**.

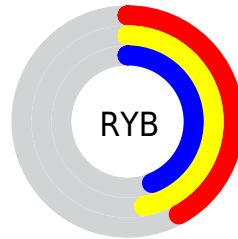
Distribution



Red (46%)

Green (47%)

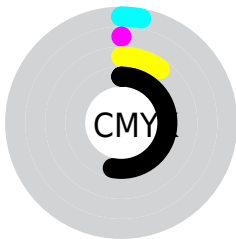
Blue (42%)



Red (42%)

Yellow (47%)

Blue (44%)

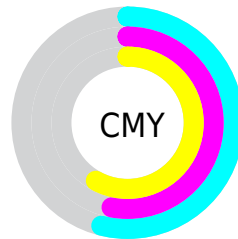


Cyan (3%)

Magenta (0%)

Yellow (10%)

Black (53%)



Cyan (54%)

Magenta (53%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75786C 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 75786C by changing the saturation by 10% instead.

75786C

75786C

FFFFFF

5C5F54

A9AC9F

45483D

C4C8BA

2F3127

E0E4D6

1A1C12

FDFFF2

000000

75786C

75786C

727860

787878

6F7854

7B7884

6C7848

7E7890

■ 69783C

■ 81789C

■ 667830

■ 8478A8

■ 637824

■ 8778B4

■ 607818

■ 8A78C0

■ 5D780C

■ 8D78CC

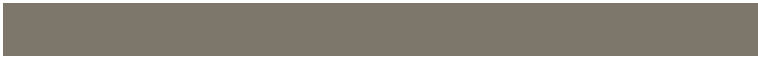
■ 5A7800

■ 9078D8

Harmonies

Analogous

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



7C766B



75786C



6E7970

Triad

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



75786C



6A7981



837377

Complementary

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



75786C



6F6C78

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.



7E737D



75786C



707782

Square

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



75786C



687A7C



787581



847371

Rectangle

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



75786C



6B7A74



787581



827379

Sweetspot

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



75786C



9A9C97



786F6C



4E4F4C



CFCFCF



4F4F4F

Same Dimension

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



75786C



979C89



6F786C



3C3D37



5E7D00



BDFC00

Inverse Universe

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



6F6C78



8E899C



756C78



39373D



1F007D



3F00FC

Previews

White Background



This preview shows how the Hex color 75786C looks on a white background.

Color Contrast Check

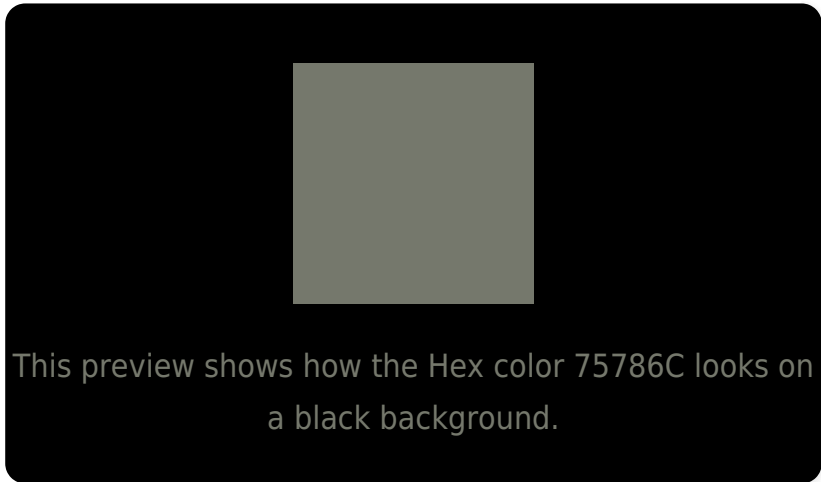
Large Text (above 18pt) WCAG AA ✓ Pass

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

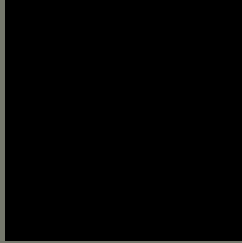
Any Text WCAG AA ✓ Pass

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 75786C Background



This preview shows how black text looks on a background with the Hex color 75786C.



This preview shows how white text looks on a background with the Hex color 75786C.

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
75786C

Protanopia
7B766B

Deuteranopia
85726D



Tritanopia
78757F

Trichromacy



Original Color
75786C

Protanomaly
79776B

Deuteranomaly
7F746D

Tritanomaly
777678

Monochromacy



Original Color
75786C

Achromatopsia
767676

Achromatomaly
767772

CSS Examples

Text

The CSS property to change the color of the text to Hex 75786C 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 #75786C looks like.

```
.text, #text, p{  
    color:#75786C  
}
```

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 #75786C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75786C
}
```

Border

The CSS property to change the border of an element to Hex 75786C is called "border". The border property can be set on classes, ids or directly on the HTML element.

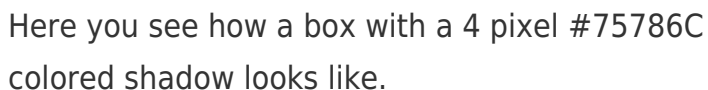
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#75786C }
```

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

```
.border{ border-color:#75786C }
```

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



Here you see how a box with a 4 pixel `#75786C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75786C; -webkit-box-shadow:4px 4px  
4px 4px #75786C; box-shadow:4px 4px 4px  
4px #75786C }
```

Background

The CSS property to change the background color of an element to Hex 75786C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75786C }
```

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

```
.background{ background-color:#75786C }
```

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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