

Converting Colors

Hex(785F74)

Have a look what the booklet for
Hex(785F74) contains.

| | |
|--|----|
| Hex(785F74) | 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(785F74)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 785F74 |
| RGB | 120, 95, 116 |
| RGB Percent | 47%, 37%, 45% |
| CMY | 0.5294, 0.6275, 0.5451 |
| CMYK | 0.00, 0.21, 0.03, 0.53 |
| HSL | 310°, 12%, 42% |
| HSV | 310°, 21%, 47% |
| XYZ | 14.9903, 13.4384, 18.3268 |
| YIQ | 104.8690, 8.1590, 11.8310 |

Conversions

Conversions Part 2

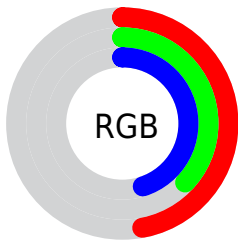
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 120, 95, 116 |
| Decimal | 7888756 |
| CIE _{Lab} | 43.42, 14.04, -7.98 |
| CIE _{LCh} | 43, 16.149, 330.371 |
| Yxy | 13.4384, 0.3206, 0.2874 |
| Android (android.graphics.Color) | 4286078836 (0xFF785F74) |
| YUV | 104.8690, 5.4876, 13.2699 |
| Hunter-Lab | 36.6585, 8.8396, -3.9801 |

Details

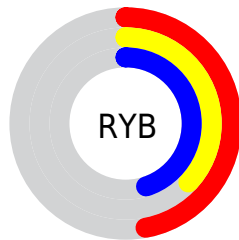
The Hex color **785F74** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5F7863**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **AD92A8**, and **473144** is the 20% darker color. If you saturate the color by 10%, you get **785372**, and if you desaturate by 10%, it is **786B76**.

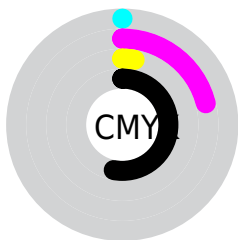
Distribution



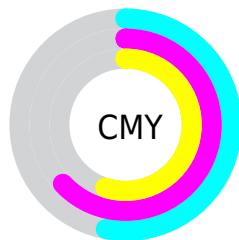
- Red (47%)
- Green (37%)
- Blue (45%)



- Red (47%)
- Yellow (37%)
- Blue (45%)



- Cyan (0%)
- Magenta (21%)
- Yellow (3%)
- Black (53%)



- Cyan (53%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 785F74 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 785F74 by changing the saturation by 10% instead.



785F74



785F74

FFFFFF



5F475B



AD92A8



473144



C8ACC3



301B2E



E4C8DF



1D0219



FFE4FC



000000



785F74



785F74



785372



786B76



784770



787778



783B6E



78837A

782F6C

788F7C

78236A

789B7E

781768

78A780

780B67

78B381

780065

78BF83

78CB85

Harmonies

Analogous

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



69637E



785F74



815D67

Triad

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



785F74



70664C



406E74

Complementary

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



785F74



5F7863

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.



466E66



785F74



626A4F

Square

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



785F74



7C6150



536D59



476B7D

Rectangle

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



785F74



825D5E



536D59



416E6F

Sweetspot

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



785F74



9C929A



635F78



4F4A4E



CFCFCF



4F4F4F

Same Dimension

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



785F74



9C7595



785F68



3D373C



7D0069



FC00D4

Inverse Universe

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



785F74



9C7595



5F786F



3D373C



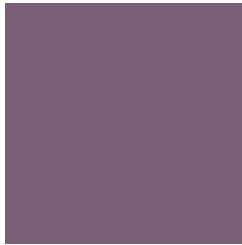
7D0069



FC00D4

Previews

White Background



This preview shows how the Hex color 785F74 looks on a white background.

Color Contrast Check

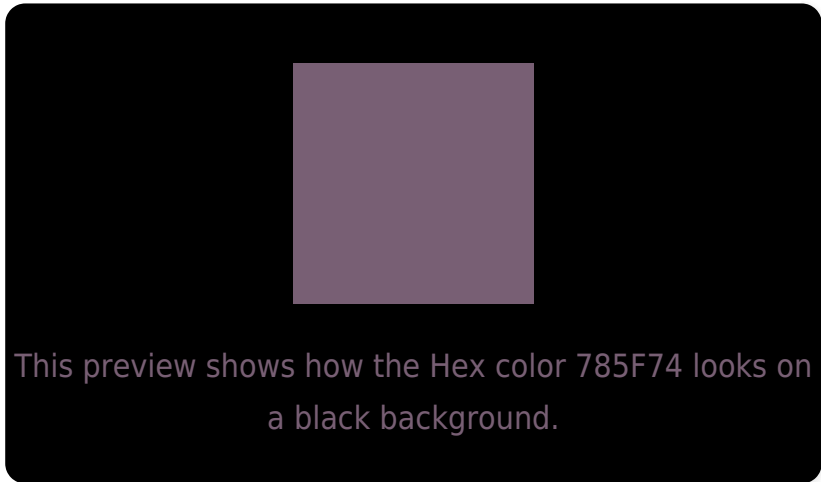
Large Text (above 18pt) WCAG AA ✓ Pass

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

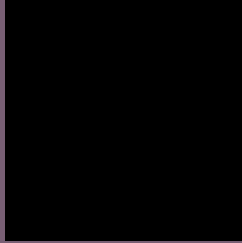
Any Text WCAG AA × Fail

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 785F74 Background



This preview shows how black text looks on a background with the Hex color 785F74.



This preview shows how white text looks on a background with the Hex color 785F74.

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
785F74

Protanopia
636678

Deuteranopia
6B6473



Tritanopia
766169

Trichromacy



Original Color
785F74

Protanomaly
6B6377

Deuteranomaly
706273

Tritanomaly
77606D

Monochromacy



Original Color
785F74

Achromatopsia
696969

Achromatomaly
6E656D

CSS Examples

Text

The CSS property to change the color of the text to Hex 785F74 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 #785F74 looks like.

```
.text, #text, p{  
    color:#785F74  
}
```

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 #785F74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785F74  
}
```

Border

The CSS property to change the border of an element to Hex 785F74 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".

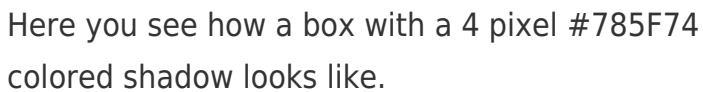
```
.border, #border, table{ border:4px solid  
#785F74 }
```

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

```
.border{ border-color:#785F74 }
```

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

Here you see how a box with a 4 pixel #785F74 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785F74; -webkit-box-shadow:4px 4px  
4px 4px #785F74; box-shadow:4px 4px 4px  
4px #785F74 }
```

Background

The CSS property to change the background color of an element to Hex 785F74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785F74 }
```

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

```
.background{ background-color:#785F74 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor