

Converting Colors

Hex(74684F)

Have a look what the booklet for
Hex(74684F) contains.

| | |
|--|----|
| Hex(74684F) | 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(74684F)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 74684F |
| RGB | 116, 104, 79 |
| RGB Percent | 45%, 41%, 31% |
| CMY | 0.5451, 0.5922, 0.6902 |
| CMYK | 0.00, 0.10, 0.32, 0.55 |
| HSL | 41°, 19%, 38% |
| HSV | 41°, 32%, 45% |
| XYZ | 13.5641, 14.1781, 9.4189 |
| YIQ | 104.7380, 15.1770, -5.2310 |

Conversions

Conversions Part 2

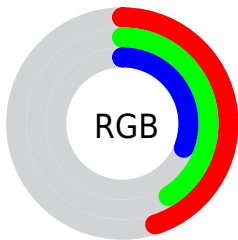
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 97, 116, 79 |
| Decimal | 7628879 |
| CIE Lab | 44.49, 0.57, 15.84 |
| CIE LCh | 44, 15.846, 87.948 |
| Yxy | 14.1781, 0.3650, 0.3815 |
| Android (android.graphics.Color) | 4285818959 (0xFF74684F) |
| YUV | 104.7380, -12.6888, 9.8768 |
| Hunter-Lab | 37.6539, -1.5932, 11.5267 |

Details

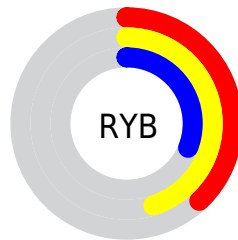
The Hex color **74684F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4F5B74**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A99B80**, and **433922** is the 20% darker color. If you saturate the color by 10%, you get **746443**, and if you desaturate by 10%, it is **746C5B**.

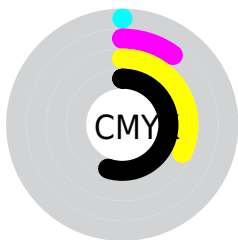
Distribution



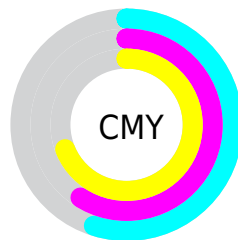
- Red (45%)
- Green (41%)
- Blue (31%)



- Red (38%)
- Yellow (45%)
- Blue (31%)



- Cyan (0%)
- Magenta (10%)
- Yellow (32%)
- Black (55%)



- Cyan (55%)
- Magenta (59%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74684F 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 74684F by changing the saturation by 10% instead.



74684F



74684F

FFFFFF



5B5038



A99B80



433922



C4B69A



2C240D



E0D1B5



160F00



FDEED1



000000



FFFFED



74684F



74684F



746443



746C5B



746038



747066

■ 745D2C

■ 747372

■ 745921

■ 74777D

■ 745515

■ 747B89

■ 745109

■ 747F95

■ 744E00

■ 7482A0

■ 7486AC

■ 748AB7

Harmonies

Analogous

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



7F6453



74684F



666C52

Triad

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



74684F



447075



796277

Complementary

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



74684F



4F5B74

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.



6A6680



74684F



496E7F

Square

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



74684F



4A7168



586B83



82606B

Rectangle

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



74684F



5C6E57



586B83



75637B

Sweetspot

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



74684F



969287



744F5B



4D4A43



CCCCCC



4D4D4D

Same Dimension

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



74684F



96845D



6E744F



3B3935



7A5300



FAA900

Inverse Universe

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



4F5B74



5D7096



554F74



35373B



00287A



0051FA

Previews

White Background



This preview shows how the Hex color 74684F 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

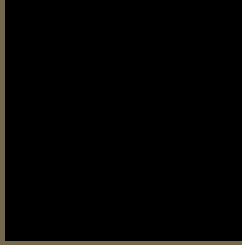
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

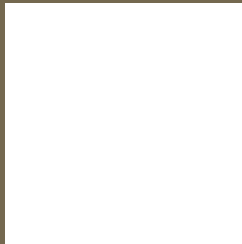
Any Text WCAG AAA × Fail

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

Hex 74684F Background



This preview shows how black text looks on a background with the Hex color 74684F.

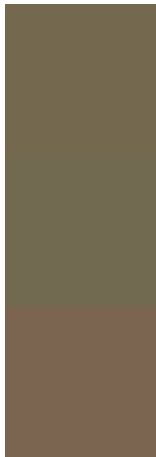


This preview shows how white text looks on a background with the Hex color 74684F.

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
74684F

Protanopia
716950

Deuteranopia
7C6550



Tritanopia
77646C

Trichromacy



Original Color

74684F

Protanomaly

726950

Deuteranomaly

796650

Tritanomaly

766561

Monochromacy



Original Color

74684F

Achromatopsia

696969

Achromatomaly

6D6960

CSS Examples

Text

The CSS property to change the color of the text to Hex 74684F 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 #74684F looks like.

```
.text, #text, p{  
    color:#74684F  
}
```

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 #74684F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74684F
}
```

Border

The CSS property to change the border of an element to Hex 74684F is called "border". The border property can be set on classes, ids or directly on the HTML element.

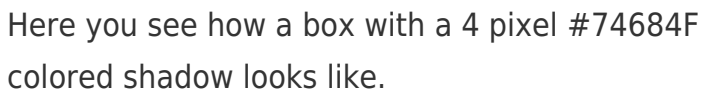
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#74684F }
```

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

```
.border{ border-color:#74684F }
```

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



Here you see how a box with a 4 pixel #74684F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74684F; -webkit-box-shadow:4px 4px  
4px 4px #74684F; box-shadow:4px 4px 4px  
4px #74684F }
```

Background

The CSS property to change the background color of an element to Hex 74684F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74684F }
```

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

```
.background{ background-color:#74684F }
```

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