

# Converting Colors

Hex(78674F)

Have a look what the booklet for  
Hex(78674F) contains.

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**Color**

**Hex(78674F)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 78674F                     |
| RGB         | 120, 103, 79               |
| RGB Percent | 47%, 40%, 31%              |
| CMY         | 0.5294, 0.5961, 0.6902     |
| CMYK        | 0.00, 0.14, 0.34, 0.53     |
| HSL         | 35°, 21%, 39%              |
| HSV         | 35°, 34%, 47%              |
| XYZ         | 14.0073, 14.2581, 9.4110   |
| YIQ         | 105.3470, 17.8360, -3.8600 |

# Conversions

## Conversions Part 2

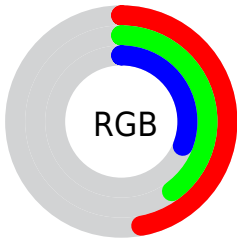
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 108, 120, 79                   |
| Decimal                             | 7890767                        |
| CIE Lab                             | 44.60, 2.89, 16.06             |
| CIE LCh                             | 45, 16.315, 79.784             |
| Yxy                                 | 14.2581, 0.3718,<br>0.3784     |
| Android<br>(android.graphics.Color) | 4286080847<br>(0xFF78674F)     |
| YUV                                 | 105.3470, -12.9891,<br>12.8507 |
| Hunter-Lab                          | 37.7599, 0.1359,<br>11.6550    |

# Details

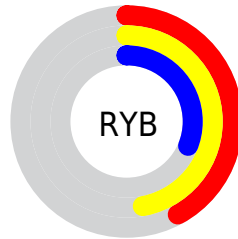
The Hex color **78674F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4F6078**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **AD9A80**, and **473822** is the 20% darker color. If you saturate the color by 10%, you get **786243**, and if you desaturate by 10%, it is **786C5B**.

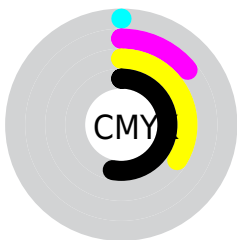
# Distribution



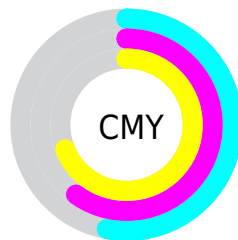
- Red (47%)
- Green (40%)
- Blue (31%)



- Red (42%)
- Yellow (47%)
- Blue (31%)



- Cyan (0%)
- Magenta (14%)
- Yellow (34%)
- Black (53%)



- Cyan (53%)
- Magenta (60%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78674F 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 78674F by changing the saturation by 10% instead.





78674F



78674F

FFFFFF



5F4F38



AD9A80



473822



C9B59A



2F230D



E5D0B5



1A0D00



FFEDD1



000000



FFFFED



78674F



78674F



786243



786C5B



785D37



787167

 78582B

 787673

 78531F

 787B7F

 784E13

 78808B

 784907

 788597

 784600

 788AA3

 788FAF

 7894BB

# Harmonies

## Analogous

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



826355



78674F



6A6B50

# Triad

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



78674F



437172



76637B

# Complementary

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



78674F



4F6078

# 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.



666883



78674F



466F7E

# Square

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



78674F



4C7164



536C84



82606F

# Rectangle

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



78674F



606E54



536C84



71657E



# Sweetspot

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



78674F



9C958C



784F60



4F4B46



CFCFCF



4F4F4F



# Same Dimension

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



78674F



9C815C



75784F



3D3B37



7D4900



FC9400



# Inverse Universe

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



4F6078



5C769C



524F78



373A3D



00347D



0069FC



# Previews

## White Background



This preview shows how the Hex color 78674F looks on a white background.

## Color Contrast Check

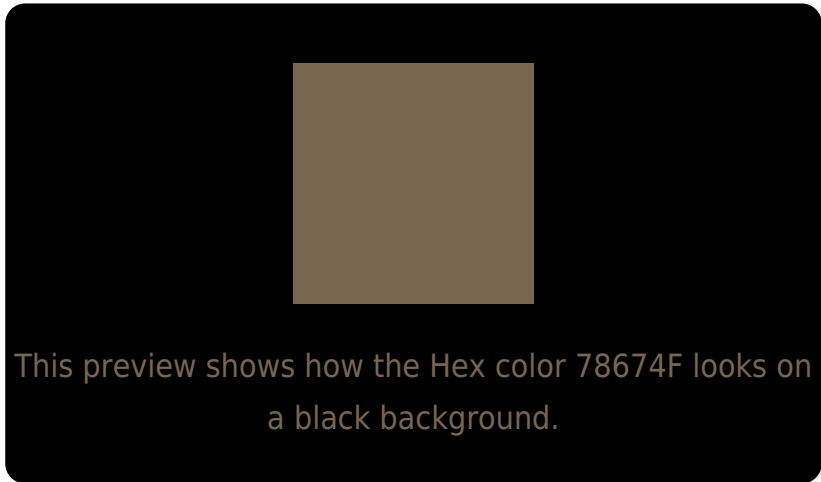
Large Text (above 18pt) WCAG AA ✓ Pass

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

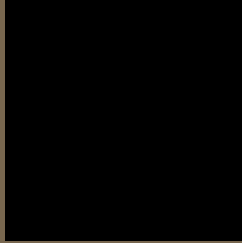
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 78674F Background



This preview shows how black text looks on a background with the Hex color 78674F.

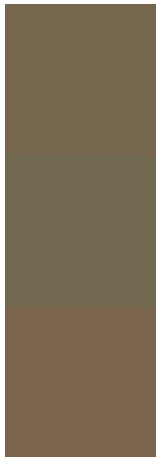


This preview shows how white text looks on a background with the Hex color 78674F.

# 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**  
78674F

**Protanopia**  
716950

**Deuteranopia**  
7C654F



**Tritanopia**  
7B636B

# Trichromacy



**Original Color**  
78674F

**Protanomaly**  
746850

**Deuteranomaly**  
7B664F

**Tritanomaly**  
7A6461

# Monochromacy



**Original Color**  
78674F

**Achromatopsia**  
696969

**Achromatomaly**  
6E6860

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78674F 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 #78674F looks like.

```
.text, #text, p{  
    color:#78674F  
}
```

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 #78674F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78674F
}
```

## Border

The CSS property to change the border of an element to Hex 78674F is called "border". The border property can be set on classes, ids or directly on the HTML element.

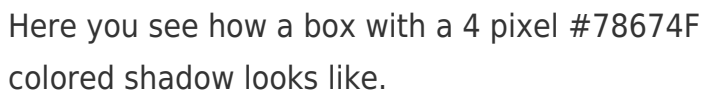
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78674F }
```

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

```
.border{ border-color:#78674F }
```

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



Here you see how a box with a 4 pixel #78674F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78674F; -webkit-box-shadow:4px 4px  
4px 4px #78674F; box-shadow:4px 4px 4px  
4px #78674F }
```

# Background

The CSS property to change the background color of an element to Hex 78674F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78674F }
```

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

```
.background{ background-color:#78674F }
```

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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