

# Converting Colors

Hex(76474C)

Have a look what the booklet for  
Hex(76474C) contains.

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**Color**

**Hex(76474C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76474C
RGB	118, 71, 76
RGB Percent	46%, 28%, 30%
CMY	0.5373, 0.7216, 0.7020
CMYK	0.00, 0.40, 0.36, 0.54
HSL	354°, 25%, 37%
HSV	354°, 40%, 46%
XYZ	11.0290, 8.8798, 7.9702
YIQ	85.6230, 26.4070, 11.5190

# Conversions

## Conversions Part 2

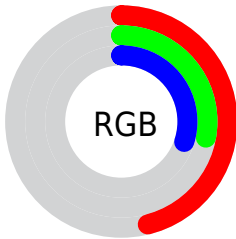
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 71, 76
Decimal	7751500
CIE <sub>Lab</sub>	35.75, 20.81, 5.56
CIE <sub>LCh</sub>	36, 21.539, 14.972
Yxy	8.8798, 0.3956, 0.3185
Android (android.graphics.Color)	4285941580 (0xFF76474C)
YUV	85.6230, -4.7441, 28.3946
Hunter-Lab	29.7990, 13.9165, 5.0014

# Details

The Hex color **76474C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **477671**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **AC787D**, and **441A20** is the 20% darker color. If you saturate the color by 10%, you get **763B41**, and if you desaturate by 10%, it is **765357**.

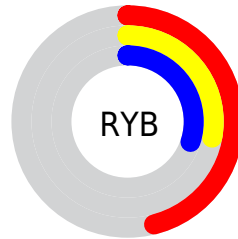
# Distribution



Red (46%)

Green (28%)

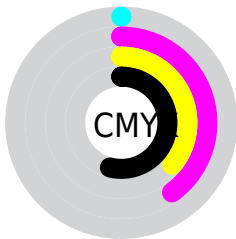
Blue (30%)



Red (46%)

Yellow (28%)

Blue (30%)

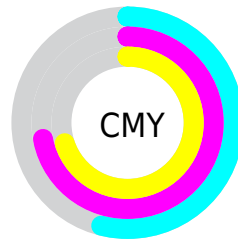


Cyan (0%)

Magenta (40%)

Yellow (36%)

Black (54%)



Cyan (54%)

Magenta (72%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76474C 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 76474C by changing the saturation by 10% instead.





76474C



76474C

FFFFFF



5C3035



AC787D



441A20



C79297



2D0308



E4ADB1



070000



FFC8CD



000000



FFE4E9



76474C



76474C



763B41



765357



762F37



765F61

 76242C

 766A6C

 761822

 767676

 760C17

 768281

 76000D

 768E8B

 769A96

 76A5A0

 76B1AB

# Harmonies

## Analogous

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



70485D



76474C



724A3D

# Triad

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



76474C



445A3B



2D5875

# Complementary

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



76474C



477671

# 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.



155C6C



76474C



2E5D4B

# Square

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



76474C



575632



195D5C



4A5375

# Rectangle

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



76474C



6C4E35



195D5C



245A73



# Sweetspot

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



76474C



998789



714776



4D4243



CCCCCC



4D4D4D



# Same Dimension

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



76474C



995057



765947



3B3535



7A000D



FA001B



# Inverse Universe

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



76474C



995057



476476



3B3535



7A000D

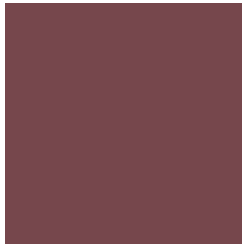


FA001B



# Previews

## White Background



This preview shows how the Hex color 76474C looks on a white background.

## Color Contrast Check

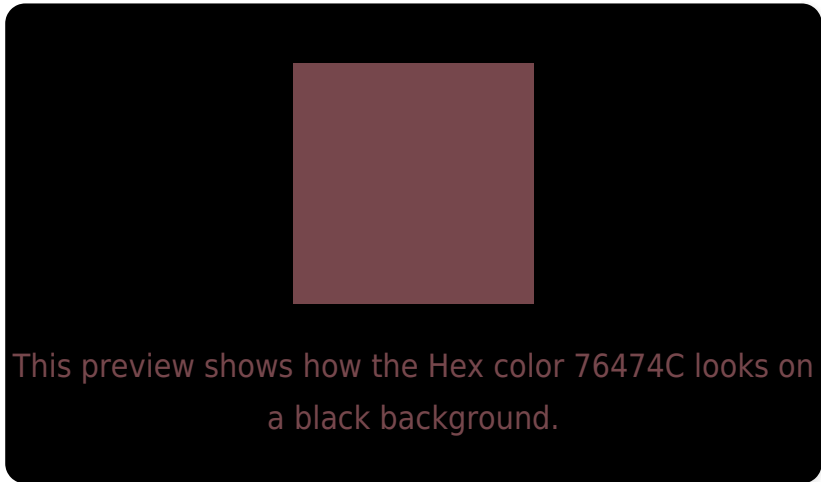
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

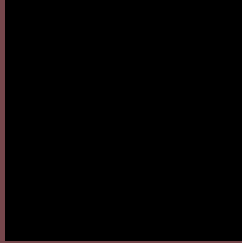
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 76474C Background



This preview shows how black text looks on a background with the Hex color 76474C.



This preview shows how white text looks on a background with the Hex color 76474C.

# 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**  
76474C

**Protanopia**  
565453

**Deuteranopia**  
60514A



**Tritanopia**  
76474C

# Trichromacy



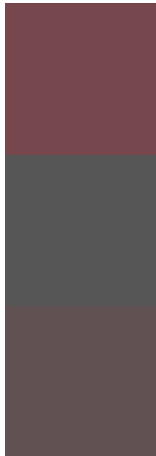
**Original Color**  
76474C

**Protanomaly**  
624F50

**Deuteranomaly**  
684D4B

**Tritanomaly**  
76474C

# Monochromacy



**Original Color**  
76474C

**Achromatopsia**  
565656

**Achromatomaly**  
625152

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76474C 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 #76474C looks like.

```
.text, #text, p{  
    color:#76474C  
}
```

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 #76474C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76474C
}
```

## Border

The CSS property to change the border of an element to Hex 76474C is called "border". The border property can be set on classes, ids or directly on the HTML element.

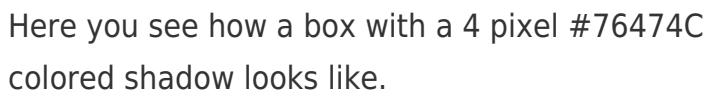
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76474C }
```

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

```
.border{ border-color:#76474C }
```

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



Here you see how a box with a 4 pixel #76474C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76474C; -webkit-box-shadow:4px 4px  
4px 4px #76474C; box-shadow:4px 4px 4px  
4px #76474C }
```

# Background

The CSS property to change the background color of an element to Hex 76474C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76474C }
```

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

```
.background{ background-color:#76474C }
```

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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