

# Converting Colors

Hex(7F4753)

Have a look what the booklet for  
Hex(7F4753) contains.

<b>Hex(7F4753)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(7F4753)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F4753
RGB	127, 71, 83
RGB Percent	50%, 28%, 33%
CMY	0.5020, 0.7216, 0.6745
CMYK	0.00, 0.44, 0.35, 0.50
HSL	347°, 28%, 39%
HSV	347°, 44%, 50%
XYZ	12.5670, 9.6430, 9.3826
YIQ	89.1120, 29.5240, 15.6040

# Conversions

## Conversions Part 2

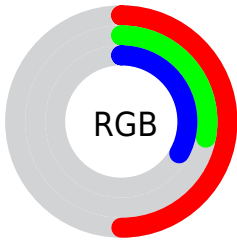
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 71, 83
Decimal	8341331
CIELab	37.19, 25.44, 3.38
CIElCh	37, 25.661, 7.558
Yxy	9.6430, 0.3978, 0.3052
Android (android.graphics.Color)	4286531411 (0xFF7F4753)
YUV	89.1120, -3.0132, 33.2278
Hunter-Lab	31.0532, 17.8942, 3.8231

# Details

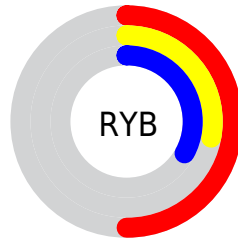
The Hex color **7F4753** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **477F73**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **B57984**, and **4B1926** is the 20% darker color. If you saturate the color by 10%, you get **7F3A49**, and if you desaturate by 10%, it is **7F545D**.

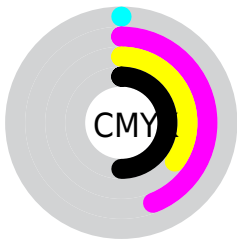
# Distribution



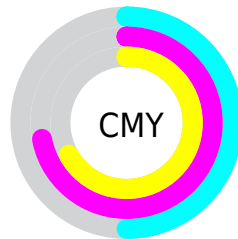
- Red (50%)
- Green (28%)
- Blue (33%)



- Red (50%)
- Yellow (28%)
- Blue (33%)



- Cyan (0%)
- Magenta (44%)
- Yellow (35%)
- Black (50%)



- Cyan (50%)
- Magenta (72%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F4753 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 7F4753 by changing the saturation by 10% instead.



7F4753

7F4753

FFFFFF

65303C

B57984

4B1926

D2939E

330212

EEADB9

1A0001

FFC9D5

000000

FFE5F1

7F4753

7F4753

7F3A49

7F545D

7F2E3F

7F6067

 7F2135

 7F6D71

 7F142B

 7F7A7B

 7F0721

 7F8685

 7F001B

 7F938F

 7FA099

 7FADA3

 7FB9AD

# Harmonies

## Analogous

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



764968



7F4753



7D4A3F

# Triad

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



7F4753



495E36



165E7D

# Complementary

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



7F4753



477F73

# 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.



006170



7F4753



2F6147

# Square

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



7F4753



60582E



07625C



415880

# Rectangle

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



7F4753



764E35



07625C



005F7A



# Sweetspot

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



7F4753



A69095



73477F



54474A



D4D4D4



545454



# Same Dimension

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



7F4753



A64E61



7F5747



40393B



80001B



000000



# Inverse Universe

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



7F4753



A64E61



476F7F



40393B



80001B

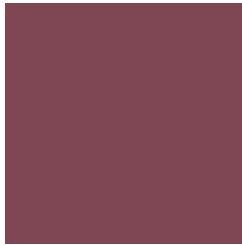


000000



# Previews

## White Background



This preview shows how the Hex color 7F4753 looks on a white background.

## Color Contrast Check

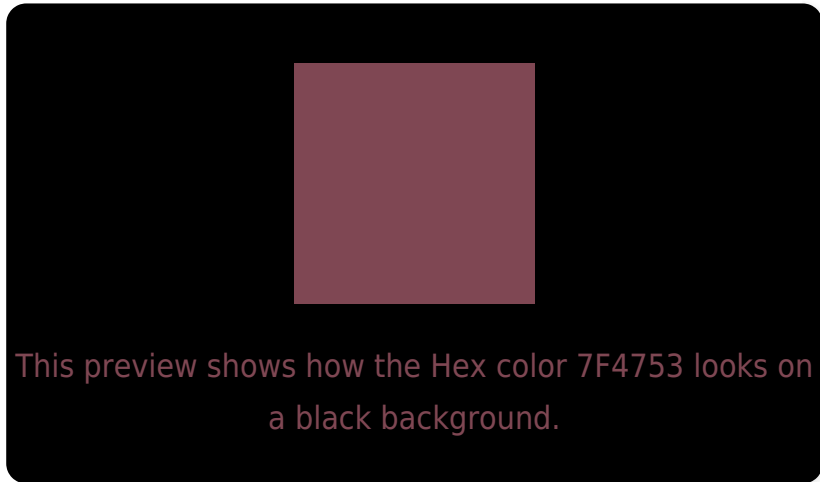
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F4753 Background



This preview shows how black text looks on a background with the Hex color 7F4753.



This preview shows how white text looks on a background with the Hex color 7F4753.

# 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**  
7F4753

**Protanopia**  
58585C

**Deuteranopia**  
635551



**Tritanopia**  
7E484D

# Trichromacy



**Original Color**  
7F4753

**Protanomaly**  
665259

**Deuteranomaly**  
6D5052

**Tritanomaly**  
7E484F

# Monochromacy



**Original Color**  
7F4753

**Achromatopsia**  
595959

**Achromatomaly**  
675257

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F4753 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 #7F4753 looks like.

```
.text, #text, p{  
    color:#7F4753  
}
```

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 #7F4753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F4753
}
```

## Border

The CSS property to change the border of an element to Hex 7F4753 is called "border". The border property can be set on classes, ids or directly on the HTML element.

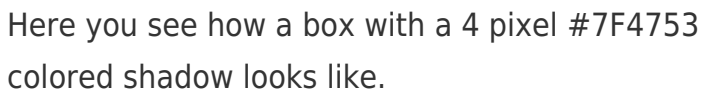
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F4753 }
```

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

```
.border{ border-color:#7F4753 }
```

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



Here you see how a box with a 4 pixel #7F4753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F4753; -webkit-box-shadow:4px 4px  
4px 4px #7F4753; box-shadow:4px 4px 4px  
4px #7F4753 }
```

# Background

The CSS property to change the background color of an element to Hex 7F4753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F4753 }
```

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

```
.background{ background-color:#7F4753 }
```

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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