

# Converting Colors

Hex(754840)

Have a look what the booklet for  
Hex(754840) contains.

<b>Hex(754840)</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(754840)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	754840
RGB	117, 72, 64
RGB Percent	46%, 28%, 25%
CMY	0.5412, 0.7176, 0.7490
CMYK	0.00, 0.38, 0.45, 0.54
HSL	9°, 29%, 35%
HSV	9°, 45%, 46%
XYZ	10.5789, 8.7868, 5.9889
YIQ	84.5430, 29.3880, 7.0520

# Conversions

## Conversions Part 2

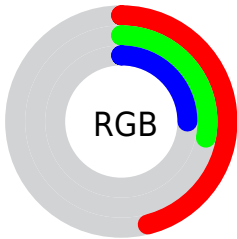
Format	Color
<a href="#">RYB</a>	<a href="#">117, 73, 64</a>
Decimal	<a href="#">7686208</a>
CIELab	<a href="#">35.57, 18.23, 12.85</a>
CIElCh	<a href="#">36, 22.302, 35.194</a>
Yxy	<a href="#">8.7868, 0.4172, 0.3466</a>
Android (android.graphics.Color)	<a href="#">4285876288</a> (0xFF754840)
YUV	<a href="#">84.5430, -10.1277, 28.4648</a>
Hunter-Lab	<a href="#">29.6425, 11.8290, 8.7709</a>

# Details

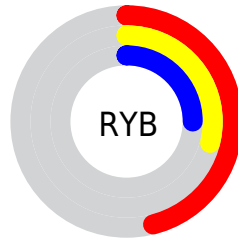
The Hex color **754840** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **406D75**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **AB7970**, and **421B16** is the 20% darker color. If you saturate the color by 10%, you get **753E34**, and if you desaturate by 10%, it is **75524C**.

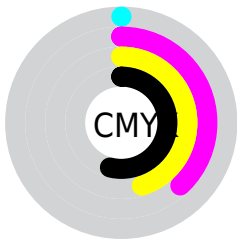
# Distribution



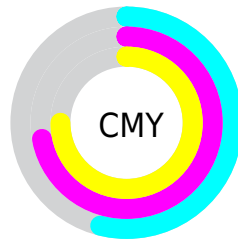
- Red (46%)
- Green (28%)
- Blue (25%)



- Red (46%)
- Yellow (29%)
- Blue (25%)



- Cyan (0%)
- Magenta (38%)
- Yellow (45%)
- Black (54%)



- Cyan (54%)
- Magenta (72%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 754840 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 754840 by changing the saturation by 10% instead.



 754840

 754840

FFFFFF

 5B312A

 AB7970

 421B16

 C79389

 2B0500

 E3AEA3

 000000

 FFC9BE

 FFE5DA

 FFFFF7

 754840

 754840

 753E34

 75524C

■ 753429

■ 755C57

■ 752A1D

■ 756663

■ 752011

■ 75706F

■ 751606

■ 757A7B

■ 751200

■ 758486

■ 758E92

■ 75979E

■ 75A1A9

# Harmonies

## Analogous

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



764651



754840



6C4D34

# Triad

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



754840



345C44



3F5477

# Complementary

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



754840



406D75

# 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.



205974



754840



1B5D56

# Square

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



754840



495936



095C68



5A4E71

# Rectangle

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



754840



625230



095C68



355677



# Sweetspot

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



754840



998784



75406D



4D413F



CCCCCC



4D4D4D



# Same Dimension

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



754840



995346



756240



3B3635



7A1200



FA2600



# Inverse Universe

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



406D75



468D99



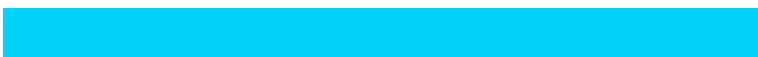
405375



353A3B



00687A



00D4FA



# Previews

## White Background



This preview shows how the Hex color 754840 looks on a white background.

## Color Contrast Check

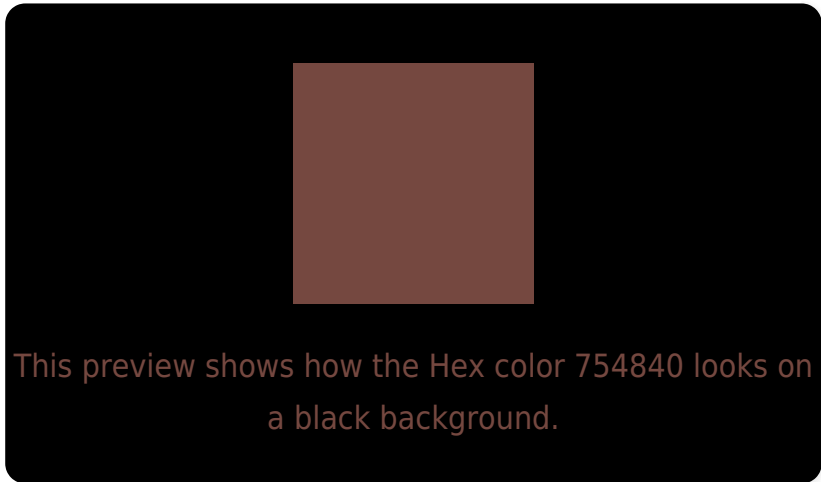
Large Text (above 18pt) WCAG AA ✓ Pass

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 754840 Background



This preview shows how black text looks on a background with the Hex color 754840.



This preview shows how white text looks on a background with the Hex color 754840.

# 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**  
754840

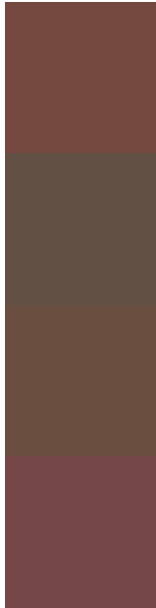
**Protanopia**  
595446

**Deuteranopia**  
63513E



**Tritanopia**  
76464C

# Trichromacy



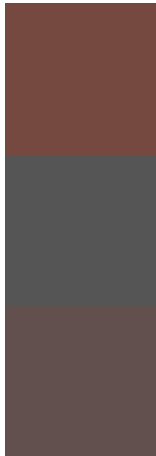
**Original Color**  
754840

**Protanomaly**  
635044

**Deuteranomaly**  
6A4E3F

**Tritanomaly**  
764748

# Monochromacy



**Original Color**  
754840

**Achromatopsia**  
555555

**Achromatomaly**  
61504D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 754840 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 #754840 looks like.

```
.text, #text, p{  
    color:#754840  
}
```

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 #754840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #754840
}
```

## Border

The CSS property to change the border of an element to Hex 754840 is called "border". The border property can be set on classes, ids or directly on the HTML element.

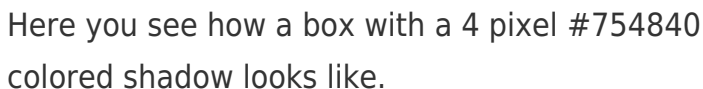
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#754840 }
```

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

```
.border{ border-color:#754840 }
```

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



Here you see how a box with a 4 pixel #754840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #754840; -webkit-box-shadow:4px 4px  
4px 4px #754840; box-shadow:4px 4px 4px  
4px #754840 }
```

# Background

The CSS property to change the background color of an element to Hex 754840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#754840 }
```

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

```
.background{ background-color:#754840 }
```

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