

# Converting Colors

Hex(764853)

Have a look what the booklet for  
Hex(764853) contains.

<b>Hex(764853)</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(764853)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	764853
RGB	118, 72, 83
RGB Percent	46%, 28%, 33%
CMY	0.5373, 0.7176, 0.6745
CMYK	0.00, 0.39, 0.30, 0.54
HSL	346°, 24%, 37%
HSV	346°, 39%, 46%
XYZ	11.3499, 9.1108, 9.3440
YIQ	87.0080, 23.8850, 13.1730

# Conversions

## Conversions Part 2

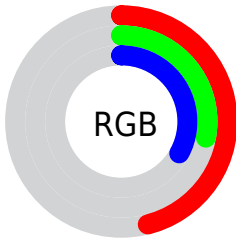
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 72, 83
Decimal	7751763
CIE Lab	36.20, 21.23, 1.78
CIE LCh	36, 21.307, 4.784
Yxy	9.1108, 0.3808, 0.3057
Android (android.graphics.Color)	4285941843 (0xFF764853)
YUV	87.0080, -1.9759, 27.1800
Hunter-Lab	30.1841, 14.2978, 2.7747

# Details

The Hex color **764853** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **48766B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **AB7984**, and **441B26** is the 20% darker color. If you saturate the color by 10%, you get **763C4A**, and if you desaturate by 10%, it is **76545C**.

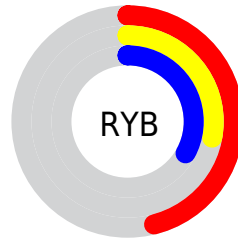
# Distribution



Red (46%)

Green (28%)

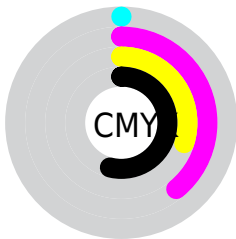
Blue (33%)



Red (46%)

Yellow (28%)

Blue (33%)

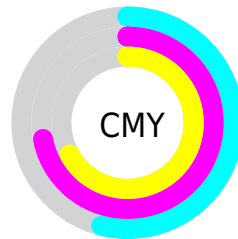


Cyan (0%)

Magenta (39%)

Yellow (30%)

Black (54%)



Cyan (54%)

Magenta (72%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 764853 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 764853 by changing the saturation by 10% instead.



 764853

 764853

FFFFFF

 5C313C

 AB7984

 441B26

 C7939E

 2D0412

 E4AEB9

 0C0000

 FFCAD5

 000000

 FFE6F1

 764853

 764853

 763C4A

 76545C

 763041

 766065

762538

766B6E

76192F

767777

760D26

768380

76011D

768F89

76001C

769B92

76A69B

76B2A4

# Harmonies

## Analogous

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



6D4A64



764853



754A42

# Triad

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



764853



4C5A39



265B74

# Complementary

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



764853



48766B

# 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.



155E68



764853



375D46

# Square

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



764853



5E5533



225E57



425677

# Rectangle

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



764853



704D3A



225E57



1E5C71



# Sweetspot

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



764853



99878B



6A4876



4D4244



CCCCCC



4D4D4D



# Same Dimension

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



764853



995162



765448



3B3536



7A001D



FA003C



# Inverse Universe

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



764853



995162



486A76



3B3536



7A001D

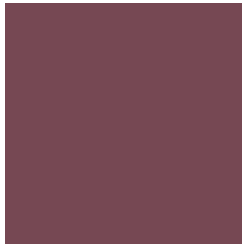


FA003C



# Previews

## White Background



This preview shows how the Hex color 764853 looks on a white background.

## Color Contrast Check

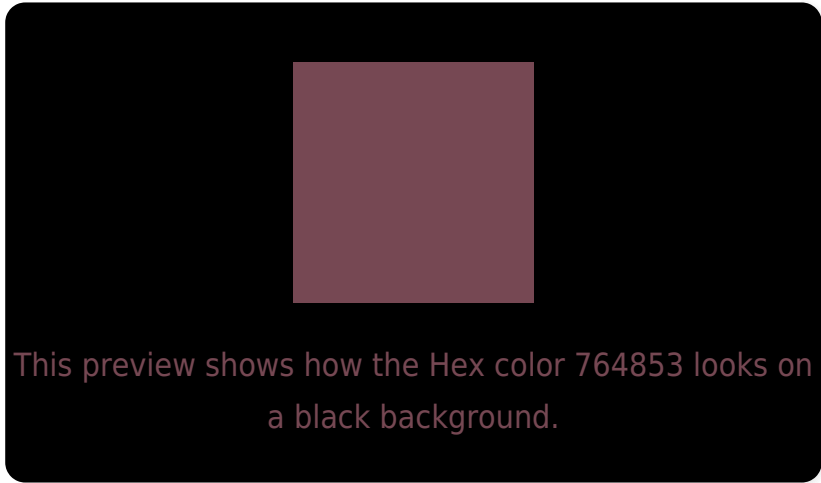
Large Text (above 18pt) WCAG AA ✓ Pass

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

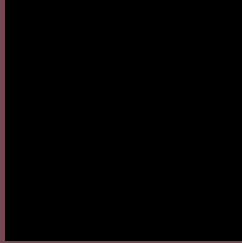
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 764853 Background



This preview shows how black text looks on a background with the Hex color 764853.



This preview shows how white text looks on a background with the Hex color 764853.

# 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**  
764853

**Protanopia**  
56555B

**Deuteranopia**  
5F5351



**Tritanopia**  
76494E

# Trichromacy



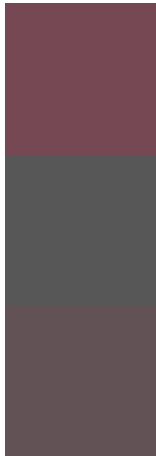
**Original Color**  
764853

**Protanomaly**  
625058

**Deuteranomaly**  
674F52

**Tritanomaly**  
764950

# Monochromacy



**Original Color**  
764853

**Achromatopsia**  
575757

**Achromatomaly**  
625256

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 764853 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 #764853 looks like.

```
.text, #text, p{  
    color:#764853  
}
```

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 #764853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764853
}
```

## Border

The CSS property to change the border of an element to Hex 764853 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".

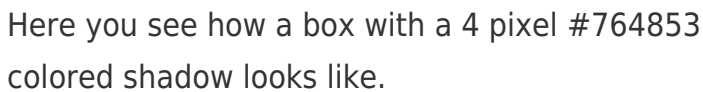
```
.border, #border, table{ border:4px solid
#764853 }
```

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

```
.border{ border-color:#764853 }
```

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

Here you see how a box with a 4 pixel #764853 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red shadow that is wider on the left and bottom sides, and narrower on the top and right sides, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764853; -webkit-box-shadow:4px 4px  
4px 4px #764853; box-shadow:4px 4px 4px  
4px #764853 }
```

# Background

The CSS property to change the background color of an element to Hex 764853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764853 }
```

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

```
.background{ background-color:#764853 }
```

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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