

# Converting Colors

Hex(764D4E)

Have a look what the booklet for  
Hex(764D4E) contains.

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# Color

**Hex(764D4E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	764D4E
RGB	118, 77, 78
RGB Percent	46%, 30%, 31%
CMY	0.5373, 0.6980, 0.6941
CMYK	0.00, 0.35, 0.34, 0.54
HSL	359°, 21%, 38%
HSV	359°, 35%, 46%
XYZ	11.5002, 9.7094, 8.4757
YIQ	89.3730, 24.1150, 9.0030

# Conversions

## Conversions Part 2

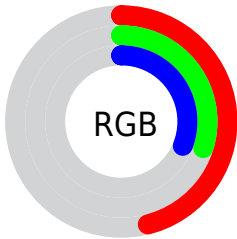
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 77, 78
Decimal	7753038
CIE <sub>Lab</sub>	37.32, 17.49, 6.53
CIE <sub>LCh</sub>	37, 18.671, 20.466
Yxy	9.7094, 0.3874, 0.3271
Android (android.graphics.Color)	4285943118 (0xFF764D4E)
YUV	89.3730, -5.6069, 25.1059
Hunter-Lab	31.1599, 11.3497, 5.6846

# Details

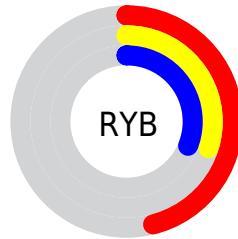
The Hex color **764D4E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4D7675**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **AB7E7F**, and **442022** is the 20% darker color. If you saturate the color by 10%, you get **764142**, and if you desaturate by 10%, it is **76595A**.

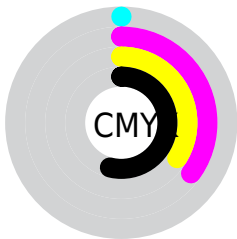
# Distribution



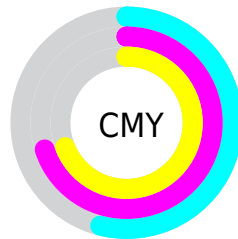
- Red (46%)
- Green (30%)
- Blue (31%)



- Red (46%)
- Yellow (30%)
- Blue (31%)



- Cyan (0%)
- Magenta (35%)
- Yellow (34%)
- Black (54%)



- Cyan (54%)
- Magenta (70%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 764D4E 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 764D4E by changing the saturation by 10% instead.



 764D4E

 764D4E

FFFFFF

 5D3637

 AB7E7F

 442022

 C79899

 2D0B0C

 E4B3B4

 0F0000

 FFCFCF

 000000

 FFEBEB

 764D4E

 764D4E

 764142

 76595A

 763537

 766565

 762A2B

 767071

 761E20

 767C7C

 761214

 768888

 760609

 769493

 760003

 76A09F

 76ABAA

 76B7B6

# Harmonies

## Analogous

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



724D5D



764D4E



725041

# Triad

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



764D4E



475E44



3D5B75

# Complementary

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



764D4E



4D7675

# 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.



2B5E6F



764D4E



356052

# Square

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



764D4E



585A3B



296062



535674

# Rectangle

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



764D4E



6B533C



296062



365C74



# Sweetspot

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



764D4E



998A8A



754D76



4D4344



CCCCCC



4D4D4D



# Same Dimension

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



764D4E



99595A



76604D



3B3535



7A0003



FA0006



# Inverse Universe

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



764D4E



99595A



4D6376



3B3535



7A0003



FA0006



# Previews

## White Background



This preview shows how the Hex color 764D4E looks on a white background.

## Color Contrast Check

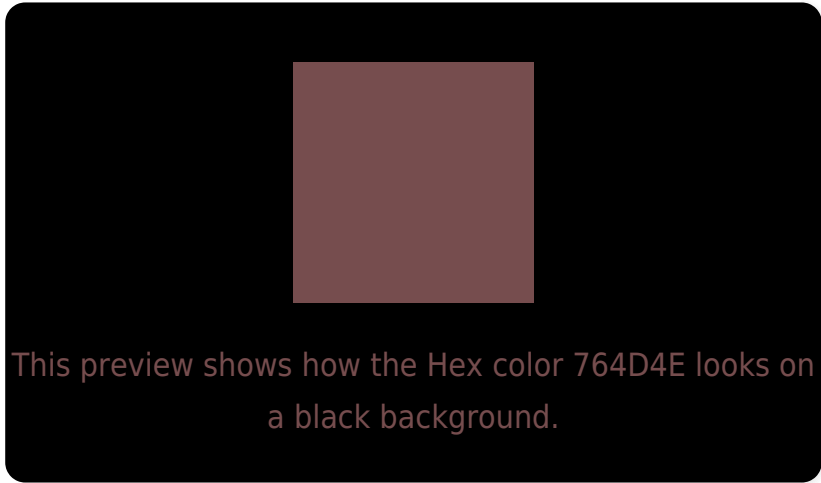
Large Text (above 18pt) WCAG AA ✓ Pass

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 764D4E Background



This preview shows how black text looks on a background with the Hex color 764D4E.



This preview shows how white text looks on a background with the Hex color 764D4E.

# 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**  
764D4E

**Protanopia**  
5B5854

**Deuteranopia**  
65554D



**Tritanopia**  
764C52

# Trichromacy



**Original Color**

764D4E

**Protanomaly**

655452

**Deuteranomaly**

6B524D

**Tritanomaly**

764C51

# Monochromacy



**Original Color**

764D4E

**Achromatopsia**

595959

**Achromatomaly**

645555

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 764D4E 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 #764D4E looks like.

```
.text, #text, p{  
    color:#764D4E  
}
```

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 #764D4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764D4E
}
```

## Border

The CSS property to change the border of an element to Hex 764D4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

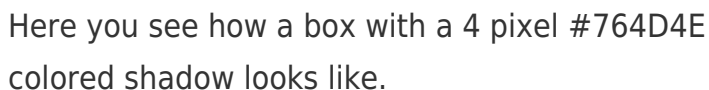
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#764D4E }
```

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

```
.border{ border-color:#764D4E }
```

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



Here you see how a box with a 4 pixel #764D4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764D4E; -webkit-box-shadow:4px 4px  
4px 4px #764D4E; box-shadow:4px 4px 4px  
4px #764D4E }
```

# Background

The CSS property to change the background color of an element to Hex 764D4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764D4E }
```

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

```
.background{ background-color:#764D4E }
```

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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