

# Converting Colors

Hex(79734D)

Have a look what the booklet for  
Hex(79734D) contains.

<b>Hex(79734D)</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(79734D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	79734D
RGB	121, 115, 77
RGB Percent	47%, 45%, 30%
CMY	0.5255, 0.5490, 0.6980
CMYK	0.00, 0.05, 0.36, 0.53
HSL	52°, 22%, 39%
HSV	52°, 36%, 47%
XYZ	15.3554, 16.8622, 9.4666
YIQ	112.4620, 15.7740, -10.5460

# Conversions

## Conversions Part 2

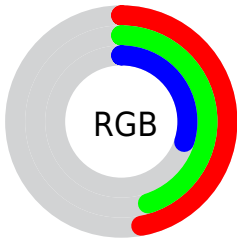
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 121, 77
Decimal	7959373
CIELab	48.09, -3.91, 21.89
CIELCh	48, 22.239, 100.136
Yxy	16.8622, 0.3684, 0.4045
Android (android.graphics.Color)	4286149453 (0xFF79734D)
YUV	112.4620, -17.4828, 7.4878
Hunter-Lab	41.0637, -5.1127, 15.0762

# Details

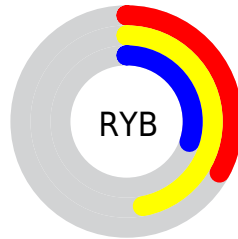
The Hex color **79734D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4D5379**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **AEA77E**, and **474320** is the 20% darker color. If you saturate the color by 10%, you get **797141**, and if you desaturate by 10%, it is **797559**.

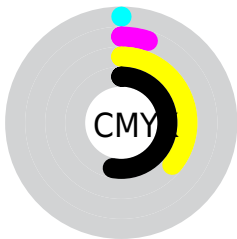
# Distribution



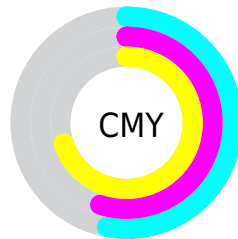
- Red (47%)
- Green (45%)
- Blue (30%)



- Red (33%)
- Yellow (47%)
- Blue (30%)



- Cyan (0%)
- Magenta (5%)
- Yellow (36%)
- Black (53%)



- Cyan (53%)
- Magenta (55%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79734D 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 79734D by changing the saturation by 10% instead.





79734D



79734D

FFFFFF



605B36



AEA77E



474320



CAC298



302D0A



E6DEB3



1B1900



FFFACD



000000



FFFFEB



79734D



79734D



797141



797559



797035



797665

■ 796E29

■ 797871

■ 796C1D

■ 797A7D

■ 796B10

■ 797B89

■ 796904

■ 797D96

■ 796900

■ 797FA2

■ 7980AE

■ 7982BA

# Harmonies

## Analogous

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



8A6D4F



79734D



647855

# Triad

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



79734D



377B8A



8F667F

# Complementary

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



79734D



4D5379

# 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.



7D6B8F



79734D



487895

# Square

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



79734D



3C7D78



637297



97646C

# Rectangle

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



79734D



567B5F



637297



8A6785



# Sweetspot

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



79734D



9E9C8D



794D54



4F4E45



CFCFCF



4F4F4F



# Same Dimension

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



79734D



9E9559



6A794D



3D3C37



7D6C00



FCDA00



# Inverse Universe

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



4D5379



59629E



5C4D79



37383D



00117D



0022FC



# Previews

## White Background



This preview shows how the Hex color 79734D looks on a white background.

## Color Contrast Check

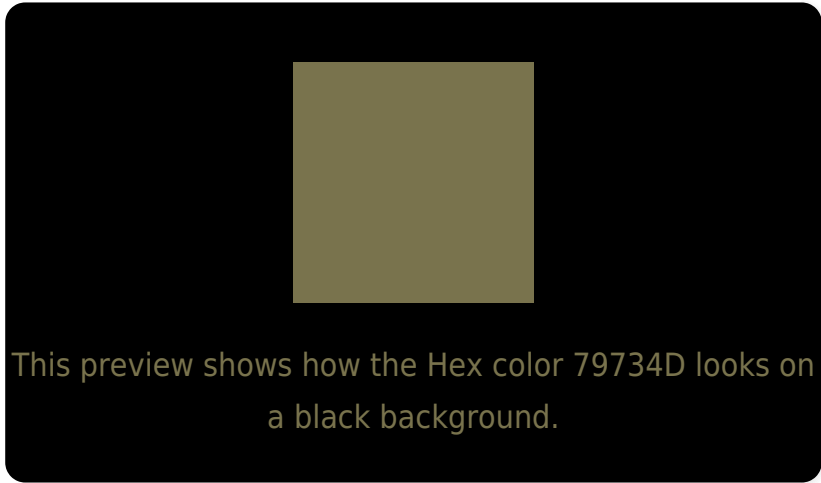
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

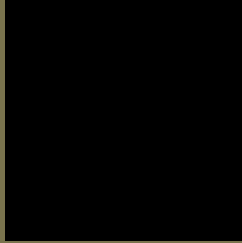
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 79734D Background



This preview shows how black text looks on a background with the Hex color 79734D.



This preview shows how white text looks on a background with the Hex color 79734D.

# 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**  
79734D

**Protanopia**  
7C724D

**Deuteranopia**  
886D4E



**Tritanopia**  
7E6E76

# Trichromacy



**Original Color**  
79734D

**Protanomaly**  
7B724D

**Deuteranomaly**  
836F4E

**Tritanomaly**  
7C7067

# Monochromacy



**Original Color**  
79734D

**Achromatopsia**  
707070

**Achromatomaly**  
737163

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79734D 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 #79734D looks like.

```
.text, #text, p{  
    color:#79734D  
}
```

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 #79734D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79734D
}
```

## Border

The CSS property to change the border of an element to Hex 79734D 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
#79734D }
```

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

```
.border{ border-color:#79734D }
```

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

Here you see how a box with a 4 pixel #79734D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79734D; -webkit-box-shadow:4px 4px  
4px 4px #79734D; box-shadow:4px 4px 4px  
4px #79734D }
```

# Background

The CSS property to change the background color of an element to Hex 79734D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79734D }
```

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

```
.background{ background-color:#79734D }
```

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