

# Converting Colors

Hex(794D49)

Have a look what the booklet for  
Hex(794D49) contains.

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**Color**

**Hex(794D49)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	794D49
RGB	121, 77, 73
RGB Percent	47%, 30%, 29%
CMY	0.5255, 0.6980, 0.7137
CMYK	0.00, 0.36, 0.40, 0.53
HSL	5°, 25%, 38%
HSV	5°, 40%, 47%
XYZ	11.7416, 9.8537, 7.5864
YIQ	89.7000, 27.5080, 8.0840

# Conversions

## Conversions Part 2

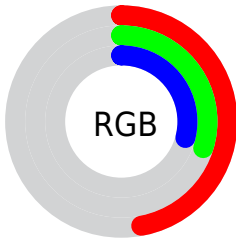
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 77, 73
Decimal	7949641
CIELab	37.58, 18.08, 10.08
CIElCh	38, 20.697, 29.142
Yxy	9.8537, 0.4024, 0.3377
Android (android.graphics.Color)	4286139721 (0xFF794D49)
YUV	89.7000, -8.2331, 27.4501
Hunter-Lab	31.3907, 11.8340, 7.6444

# Details

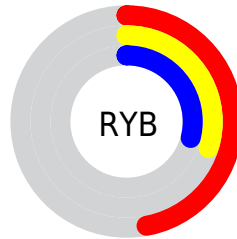
The Hex color **794D49** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **497579**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **AF7E7A**, and **46201D** is the 20% darker color. If you saturate the color by 10%, you get **79423D**, and if you desaturate by 10%, it is **795855**.

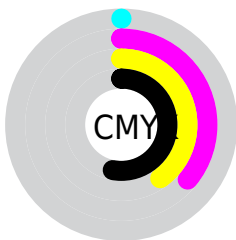
# Distribution



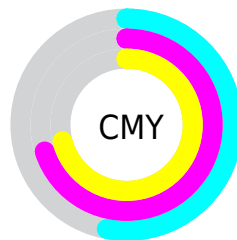
- Red (47%)
- Green (30%)
- Blue (29%)



- Red (47%)
- Yellow (30%)
- Blue (29%)



- Cyan (0%)
- Magenta (36%)
- Yellow (40%)
- Black (53%)



- Cyan (53%)
- Magenta (70%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 794D49 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 794D49 by changing the saturation by 10% instead.



 794D49

 794D49

FFFFFF

 5F3632

 AF7E7A

 46201D

 CB9893

 2F0A04

 E7B3AE

 120000

 FFCFC9

 000000

 FFEBE5

 794D49

 794D49

 79423D

 795855

 793731

 796361

 792C25

 796E6D

 792119

 797979

 79160C

 798485

 790A00

 799092

 799B9E

 79A6AA

 79B1B6

# Harmonies

## Analogous

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



784C5A



794D49



72523C

# Triad

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



794D49



3F6047



415A7A

# Complementary

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



794D49



497579

# 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.



285F75



794D49



2B6157

# Square

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



794D49



535C3B



1E6168



5A5476

# Rectangle

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



794D49



695538



1E6168



385C79



# Sweetspot

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



794D49



9E8D8B



794975



4F4544



CFCFCF



4F4F4F



# Same Dimension

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



794D49



9E5952



796549



3D3837



7D0A00



FC1500



# Inverse Universe

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



497579



52989E



495D79



373D3D



00737D



00E7FC



# Previews

## White Background



This preview shows how the Hex color 794D49 looks on a white background.

## Color Contrast Check

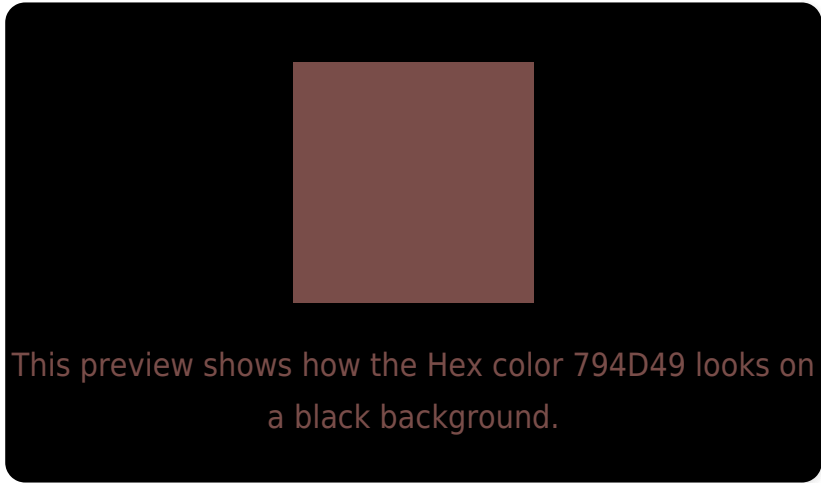
Large Text (above 18pt) WCAG AA ✓ Pass

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 794D49 Background



This preview shows how black text looks on a background with the Hex color 794D49.

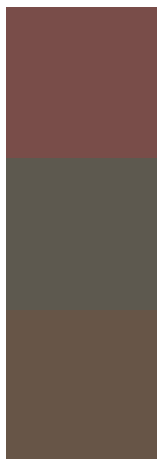


This preview shows how white text looks on a background with the Hex color 794D49.

# 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**  
794D49

**Protanopia**  
5D594F

**Deuteranopia**  
675547



**Tritanopia**  
7A4C51

# Trichromacy



**Original Color**

794D49

**Protanomaly**

67554D

**Deuteranomaly**

6E5248

**Tritanomaly**

7A4C4E

# Monochromacy



**Original Color**

794D49

**Achromatopsia**

5A5A5A

**Achromatomaly**

655554

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 794D49 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 #794D49 looks like.

```
.text, #text, p{  
    color:#794D49  
}
```

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 #794D49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #794D49
}
```

## Border

The CSS property to change the border of an element to Hex 794D49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

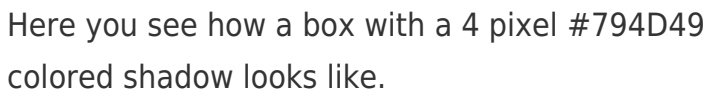
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#794D49 }
```

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

```
.border{ border-color:#794D49 }
```

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



Here you see how a box with a 4 pixel #794D49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #794D49; -webkit-box-shadow:4px 4px  
4px 4px #794D49; box-shadow:4px 4px 4px  
4px #794D49 }
```

# Background

The CSS property to change the background color of an element to Hex 794D49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#794D49 }
```

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

```
.background{ background-color:#794D49 }
```

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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