

# Converting Colors

Hex(794D53)

Have a look what the booklet for  
Hex(794D53) contains.

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**Color**

**Hex(794D53)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	794D53
RGB	121, 77, 83
RGB Percent	47%, 30%, 33%
CMY	0.5255, 0.6980, 0.6745
CMYK	0.00, 0.36, 0.31, 0.53
HSL	352°, 22%, 39%
HSV	352°, 36%, 47%
XYZ	12.1004, 9.9972, 9.4755
YIQ	90.8400, 24.2980, 11.1940

# Conversions

## Conversions Part 2

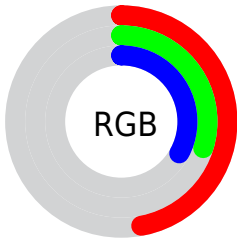
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 77, 83
Decimal	7949651
CIE <sub>Lab</sub>	37.84, 19.47, 4.19
CIE <sub>LCh</sub>	38, 19.919, 12.155
Yxy	9.9972, 0.3832, 0.3166
Android (android.graphics.Color)	4286139731 (0xFF794D53)
YUV	90.8400, -3.8651, 26.4503
Hunter-Lab	31.6184, 12.9798, 4.3646

# Details

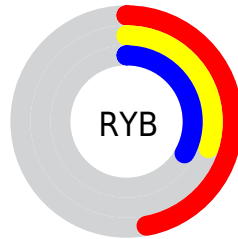
The Hex color **794D53** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4D7973**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **AF7F84**, and **472026** is the 20% darker color. If you saturate the color by 10%, you get **794149**, and if you desaturate by 10%, it is **79595D**.

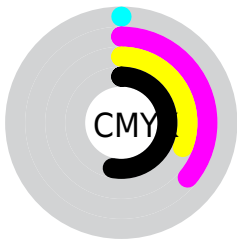
# Distribution



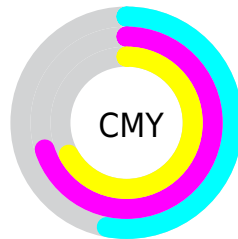
- Red (47%)
- Green (30%)
- Blue (33%)



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



- Cyan (0%)
- Magenta (36%)
- Yellow (31%)
- Black (53%)



- Cyan (53%)
- Magenta (70%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 794D53 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 794D53 by changing the saturation by 10% instead.



 794D53

 794D53

FFFFFF

 5F363C

 AF7F84

 472026

 CA999E

 2F0A12

 E7B4B9

 160000

 FFCFD5

 000000

 FFEBF1

 794D53

 794D53

 794149

 79595D

 79353E

 796568

■ 792934

■ 797172

■ 791D29

■ 797D7D

■ 79101F

■ 798987

■ 790414

■ 799692

■ 790011

■ 79A29C

■ 79AEA7

■ 79BAB1

# Harmonies

## Analogous

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



734E63



794D53



765044

# Triad

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



794D53



4C5E41



355D77

# Complementary

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



794D53



4D7973

# 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.



24616E



794D53



39614F

# Square

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



794D53



5E5A39



28625F



4D5878

# Rectangle

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



794D53



71533D



28625F



2E5F75



# Sweetspot

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



794D53



9E8D8F



724D79



4F4546



CFCFCF



4F4F4F



# Same Dimension

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



794D53



9E5962



795C4D



3D3738



7D0011



FC0022



# Inverse Universe

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



794D53



9E5962



4D6A79



3D3738



7D0011

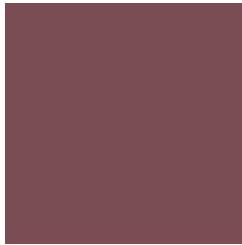


FC0022



# Previews

## White Background



This preview shows how the Hex color 794D53 looks on a white background.

## Color Contrast Check

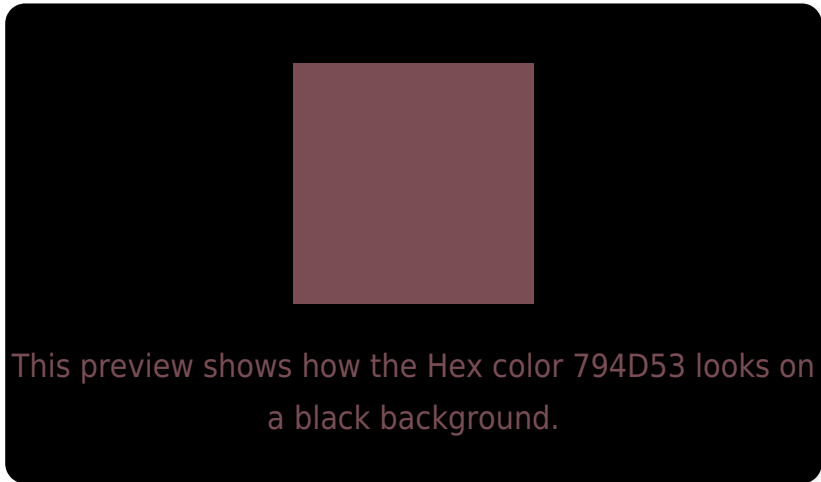
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 794D53 Background



This preview shows how black text looks on a background with the Hex color 794D53.



This preview shows how white text looks on a background with the Hex color 794D53.

# 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**  
794D53

**Protanopia**  
5B595A

**Deuteranopia**  
655651



**Tritanopia**  
794D53

# Trichromacy



**Original Color**  
794D53

**Protanomaly**  
665557

**Deuteranomaly**  
6C5352

**Tritanomaly**  
794D53

# Monochromacy



**Original Color**  
794D53

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
665658

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 794D53 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 #794D53 looks like.

```
.text, #text, p{  
    color:#794D53  
}
```

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 #794D53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #794D53
}
```

## Border

The CSS property to change the border of an element to Hex 794D53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

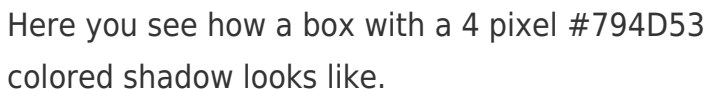
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#794D53 }
```

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

```
.border{ border-color:#794D53 }
```

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



Here you see how a box with a 4 pixel #794D53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #794D53; -webkit-box-shadow:4px 4px  
4px 4px #794D53; box-shadow:4px 4px 4px  
4px #794D53 }
```

# Background

The CSS property to change the background color of an element to Hex 794D53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#794D53 }
```

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

```
.background{ background-color:#794D53 }
```

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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