

# Converting Colors

Hex(795C39)

Have a look what the booklet for  
Hex(795C39) contains.

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**Color**

**Hex(795C39)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	795C39
RGB	121, 92, 57
RGB Percent	47%, 36%, 22%
CMY	0.5255, 0.6392, 0.7765
CMYK	0.00, 0.24, 0.53, 0.53
HSL	33°, 36%, 35%
HSV	33°, 53%, 47%
XYZ	12.4508, 12.0146, 5.5337
YIQ	96.6810, 28.5190, -4.7370

# Conversions

## Conversions Part 2

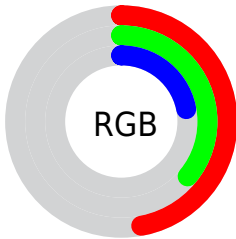
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 121, 57
Decimal	7953465
CIE Lab	41.24, 7.21, 24.61
CIE LCh	41, 25.642, 73.660
Yxy	12.0146, 0.4150, 0.4005
Android (android.graphics.Color)	4286143545 (0xFF795C39)
YUV	96.6810, -19.5627, 21.3278
Hunter-Lab	34.6622, 3.4593, 14.7980

# Details

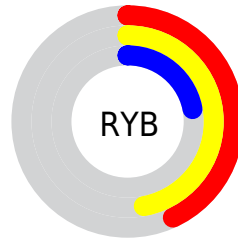
The Hex color **795C39** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **395679**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **AF8E69**, and **462E0D** is the 20% darker color. If you saturate the color by 10%, you get **79572D**, and if you desaturate by 10%, it is **796145**.

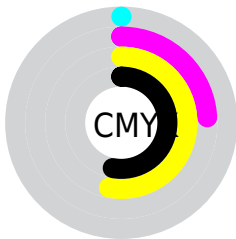
# Distribution



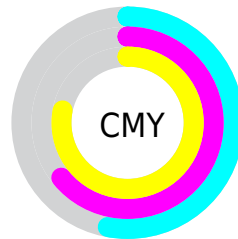
- Red (47%)
- Green (36%)
- Blue (22%)



- Red (43%)
- Yellow (47%)
- Blue (22%)



- Cyan (0%)
- Magenta (24%)
- Yellow (53%)
- Black (53%)



- Cyan (53%)
- Magenta (64%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 795C39 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 795C39 by changing the saturation by 10% instead.



 795C39

 795C39

FFFFFF

 5F4523

 AF8E69

 462E0D

 CBA982

 2E1A00

 E8C49C

 160000

 FFE0B7

 000000

 FFFCD3

 FFFFEE

 795C39

 795C39

 79572D

 796145

■ 795121

■ 796751

■ 794C15

■ 796C5D

■ 794609

■ 797269

■ 794200

■ 797775

■ 797D82

■ 79828E

■ 79889A

■ 798DA6

# Harmonies

## Analogous

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



865545



795C39



666338

# Triad

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



795C39



126D6A



705880

# Complementary

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



795C39



395679

# 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.



52608A



795C39



036B7E

# Square

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



795C39



336C55



2D6789



83526E

# Rectangle

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



795C39



56673D



2D6789



675B84



# Sweetspot

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



795C39



9E9385



793957



4F4840



CFCFCF



4F4F4F



# Same Dimension

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



795C39



9E713A



777939



3D3A37



7D4400



FC8A00



# Inverse Universe

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



395679



3A689E



3B3979



373A3D



00397D

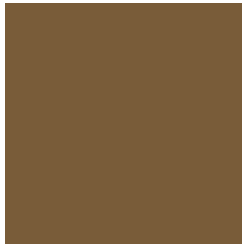


0072FC



# Previews

## White Background



This preview shows how the Hex color 795C39 looks on a white background.

## Color Contrast Check

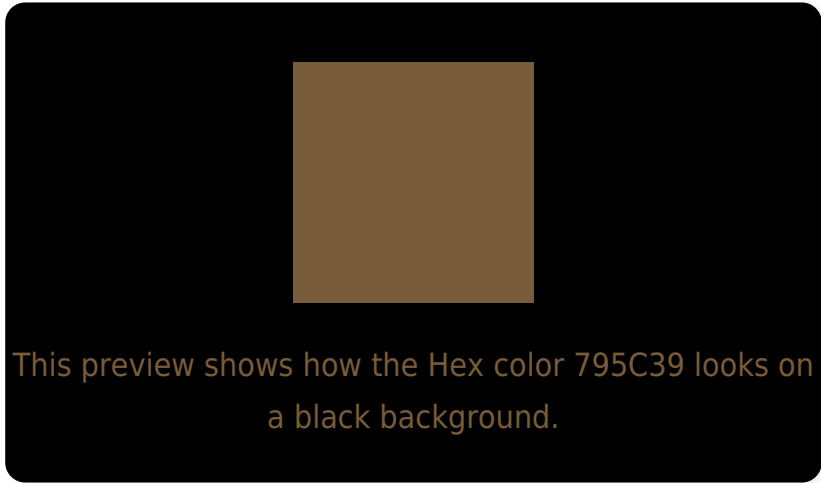
Large Text (above 18pt) WCAG AA ✓ Pass

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

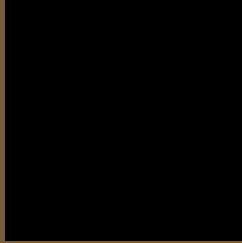
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 795C39 Background



This preview shows how black text looks on a background with the Hex color 795C39.



This preview shows how white text looks on a background with the Hex color 795C39.

# 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**  
795C39

**Protanopia**  
6B623B

**Deuteranopia**  
775D39



**Tritanopia**  
7C575E

# Trichromacy



**Original Color**  
795C39

**Protanomaly**  
70603A

**Deuteranomaly**  
785D39

**Tritanomaly**  
7B5951

# Monochromacy



**Original Color**  
795C39

**Achromatopsia**  
616161

**Achromatomaly**  
6A5F52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 795C39 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 #795C39 looks like.

```
.text, #text, p{  
    color:#795C39  
}
```

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 #795C39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #795C39
}
```

## Border

The CSS property to change the border of an element to Hex 795C39 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
#795C39 }
```

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

```
.border{ border-color:#795C39 }
```

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

Here you see how a box with a 4 pixel #795C39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #795C39; -webkit-box-shadow:4px 4px  
4px 4px #795C39; box-shadow:4px 4px 4px  
4px #795C39 }
```

# Background

The CSS property to change the background color of an element to Hex 795C39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#795C39 }
```

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

```
.background{ background-color:#795C39 }
```

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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