

Converting Colors

Hex(793C2D)

Have a look what the booklet for
Hex(793C2D) contains.

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Color

Hex(793C2D)

Conversions

Conversions Part 1

Format	Color
Hex	793C2D
RGB	121, 60, 45
RGB Percent	47%, 24%, 18%
CMY	0.5255, 0.7647, 0.8235
CMYK	0.00, 0.50, 0.63, 0.53
HSL	12°, 46%, 33%
HSV	12°, 63%, 47%
XYZ	9.9747, 7.4861, 3.4019
YIQ	76.5290, 41.1710, 8.2670

Conversions

Conversions Part 2

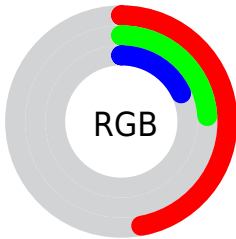
Format	Color
R_{YB}	121, 64, 45
Decimal	7945261
CIE _{Lab}	32.89, 25.12, 21.30
CIE _{LCh}	33, 32.931, 40.301
Yxy	7.4861, 0.4781, 0.3588
Android (android.graphics.Color)	4286135341 (0xFF793C2D)
YUV	76.5290, -15.5438, 39.0011
Hunter-Lab	27.3608, 17.1927, 11.7808

Details

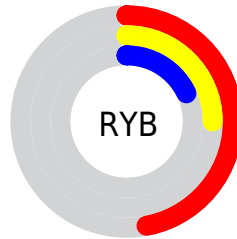
The Hex color **793C2D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D6A79**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **B16D5B**, and **440E00** is the 20% darker color. If you saturate the color by 10%, you get **793221**, and if you desaturate by 10%, it is **794639**.

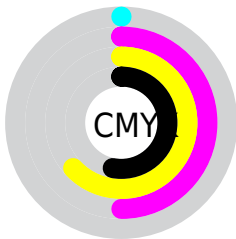
Distribution



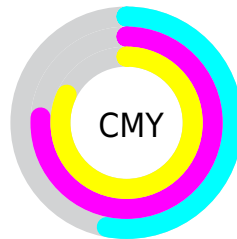
- Red (47%)
- Green (24%)
- Blue (18%)



- Red (47%)
- Yellow (25%)
- Blue (18%)



- Cyan (0%)
- Magenta (50%)
- Yellow (63%)
- Black (53%)



- Cyan (53%)
- Magenta (76%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 793C2D 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 793C2D by changing the saturation by 10% instead.

 793C2D

 793C2D

FFFFFF

 5E2518

 B16D5B

 440E00

 CD8674

 2C0000

 EBA18D

 000000

 FFBCA8

 FFD8C3

 FFF5DF

 FFFFFC

 793C2D

 793C2D

■ 793221

■ 794639

■ 792915

■ 794F45

■ 791F09

■ 795951

■ 791800

■ 79635D

■ 796D6A

■ 797676

■ 798082

■ 798A8E

■ 79939A

Harmonies

Analogous

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



7D3645



793C2D



6A461B

Triad

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



793C2D



04593B



2E4D80

Complementary

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



793C2D



2D6A79

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.



00557E



793C2D



005A56

Square

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



793C2D



375524



00596E



5B4375

Rectangle

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



793C2D



5B4C16



00596E



145081

Sweetspot

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



793C2D



9E8680



792D6B



4F403D



CFCFCF



4F4F4F

Same Dimension

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



793C2D



9E3F28



79612D



3D3837



7D1900



FC3200

Inverse Universe

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



2D6A79



28879E



2D4579



373C3D



00647D



00CBFC

Previews

White Background



This preview shows how the Hex color 793C2D looks on a white background.

Color Contrast Check

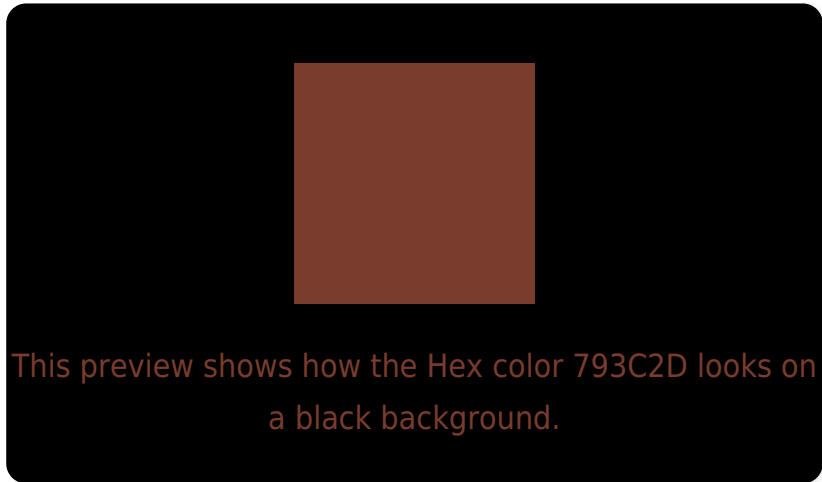
Large Text (above 18pt) WCAG AA ✓ Pass

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 793C2D Background



This preview shows how black text looks on a background with the Hex color 793C2D.

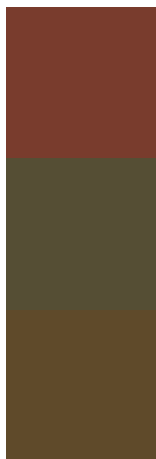


This preview shows how white text looks on a background with the Hex color 793C2D.

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
793C2D

Protanopia
554E34

Deuteranopia
5F4A2A



Tritanopia
7A3A3E

Trichromacy



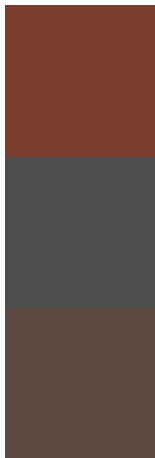
Original Color
793C2D

Protanomaly
624731

Deuteranomaly
68452B

Tritanomaly
7A3B38

Monochromacy



Original Color
793C2D

Achromatopsia
4D4D4D

Achromatomaly
5D4741

CSS Examples

Text

The CSS property to change the color of the text to Hex 793C2D 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 #793C2D looks like.

```
.text, #text, p{  
    color:#793C2D  
}
```

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 #793C2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #793C2D } }
```

Border

The CSS property to change the border of an element to Hex 793C2D is called "border". The border property can be set on classes, ids or directly on the HTML element.

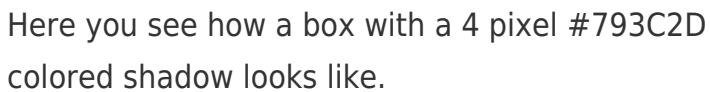
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #793C2D } }
```

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

```
.border{ border-color:#793C2D }
```

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



Here you see how a box with a 4 pixel `#793C2D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #793C2D; -webkit-box-shadow:4px 4px  
4px 4px #793C2D; box-shadow:4px 4px 4px  
4px #793C2D }
```

Background

The CSS property to change the background color of an element to Hex 793C2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#793C2D }
```

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

```
.background{ background-color:#793C2D }
```

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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