

# Converting Colors

Hex(795D2A)

Have a look what the booklet for  
Hex(795D2A) contains.

<b>Hex(795D2A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(795D2A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	795D2A
RGB	121, 93, 42
RGB Percent	47%, 36%, 16%
CMY	0.5255, 0.6353, 0.8353
CMYK	0.00, 0.23, 0.65, 0.53
HSL	39°, 48%, 32%
HSV	39°, 65%, 47%
XYZ	12.2174, 12.0608, 3.8745
YIQ	95.5580, 33.0590, -9.9250

# Conversions

## Conversions Part 2

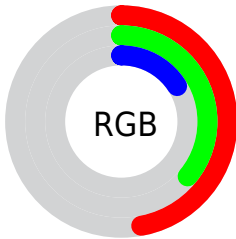
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 121, 42
Decimal	7953706
CIE <sub>Lab</sub>	41.31, 5.30, 33.03
CIE <sub>LCh</sub>	41, 33.454, 80.882
Yxy	12.0608, 0.4340, 0.4284
Android (android.graphics.Color)	4286143786 (0xFF795D2A)
YUV	95.5580, -26.4041, 22.3126
Hunter-Lab	34.7287, 2.0205, 17.6954

# Details

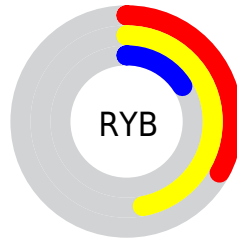
The Hex color **795D2A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2A4679**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **B08F59**, and **462F00** is the 20% darker color. If you saturate the color by 10%, you get **79591E**, and if you desaturate by 10%, it is **796136**.

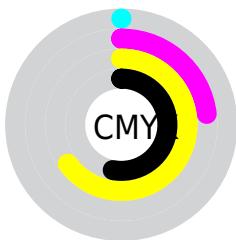
# Distribution



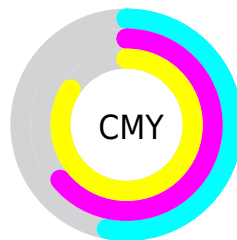
- Red (47%)
- Green (36%)
- Blue (16%)



- Red (33%)
- Yellow (47%)
- Blue (16%)



- Cyan (0%)
- Magenta (23%)
- Yellow (65%)
- Black (53%)



- Cyan (53%)
- Magenta (64%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 795D2A 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 795D2A by changing the saturation by 10% instead.



 795D2A

 795D2A

FFFFFF

 5F4613

 B08F59

 462F00

 CCAA73

 2D1B00

 E9C58C

 130000

 FFE1A7

 000000

 FFFDC3

 FFFFDF

 FFFFFB

 795D2A

 795D2A

■ 79591E

■ 796136

■ 795412

■ 796642

■ 795006

■ 796A4E

■ 794E00

■ 796E5A

■ 797266

■ 797773

■ 797B7F

■ 797F8B

■ 798497

# Harmonies

## Analogous

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



8C5338



795D2A



5F662C

# Triad

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



795D2A



006F74



7B5384

# Complementary

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



795D2A



2A4679

# 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.



565E95



795D2A



006D8B

# Square

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



795D2A



026F58



146797



904B6B

# Rectangle

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



795D2A



4A6A36



146797



71568B



# Sweetspot

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



795D2A



9E937E



792A47



4F483C



CFCFCF



4F4F4F



# Same Dimension

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



795D2A



9E7223



6E792A



3D3B37



7D5100



FCA300



# Inverse Universe

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



2A4679



234E9E



352A79



37393D



002C7D



0059FC



# Previews

## White Background



This preview shows how the Hex color 795D2A looks on a white background.

## Color Contrast Check

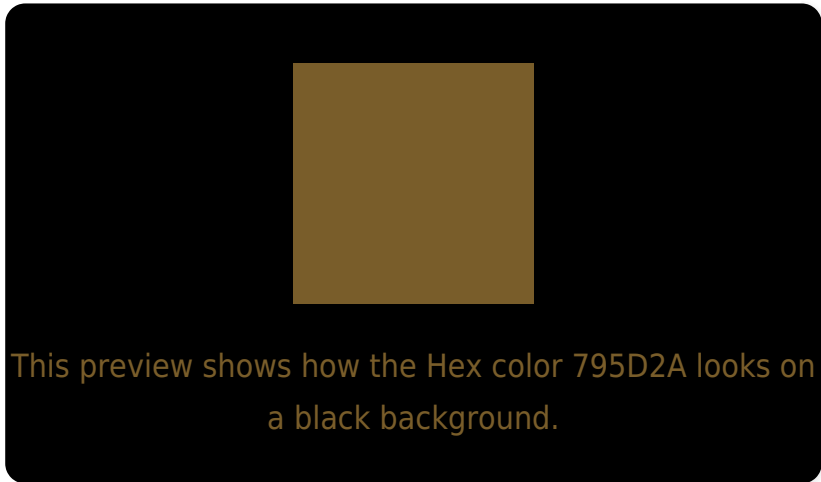
Large Text (above 18pt) WCAG AA ✓ Pass

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 795D2A Background



This preview shows how black text looks on a background with the Hex color 795D2A.



This preview shows how white text looks on a background with the Hex color 795D2A.

# 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**  
795D2A

**Protanopia**  
6D622B

**Deuteranopia**  
795D2A



**Tritanopia**  
7D575E

# Trichromacy



**Original Color**  
795D2A

**Protanomaly**  
71602B

**Deuteranomaly**  
795D2A

**Tritanomaly**  
7C594B

# Monochromacy



**Original Color**  
795D2A

**Achromatopsia**  
606060

**Achromatomaly**  
695F4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 795D2A 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 #795D2A looks like.

```
.text, #text, p{  
    color:#795D2A  
}
```

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 #795D2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #795D2A
}
```

## Border

The CSS property to change the border of an element to Hex 795D2A 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
#795D2A }
```

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

```
.border{ border-color:#795D2A }
```

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

Here you see how a box with a 4 pixel #795D2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #795D2A; -webkit-box-shadow:4px 4px  
4px 4px #795D2A; box-shadow:4px 4px 4px  
4px #795D2A }
```

# Background

The CSS property to change the background color of an element to Hex 795D2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#795D2A }
```

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

```
.background{ background-color:#795D2A }
```

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