

# Converting Colors

Hex(793950)

Have a look what the booklet for  
Hex(793950) contains.

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**Color**

**Hex(793950)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	793950
RGB	121, 57, 80
RGB Percent	47%, 22%, 31%
CMY	0.5255, 0.7765, 0.6863
CMYK	0.00, 0.53, 0.34, 0.53
HSL	338°, 36%, 35%
HSV	338°, 53%, 47%
XYZ	10.7963, 7.5704, 8.4816
YIQ	78.7580, 30.7610, 20.7210

# Conversions

## Conversions Part 2

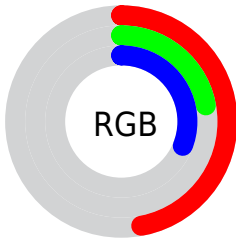
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 57, 80
Decimal	7944528
CIELab	33.07, 30.63, -0.81
CIElCh	33, 30.643, 358.487
Yxy	7.5704, 0.4021, 0.2820
Android (android.graphics.Color)	4286134608 (0xFF793950)
YUV	78.7580, 0.6123, 37.0462
Hunter-Lab	27.5143, 21.8909, 0.9832

# Details

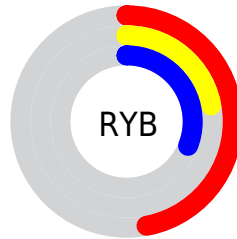
The Hex color **793950** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **397962**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **AF6A81**, and **450824** is the 20% darker color. If you saturate the color by 10%, you get **792D48**, and if you desaturate by 10%, it is **794558**.

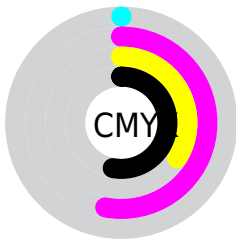
# Distribution



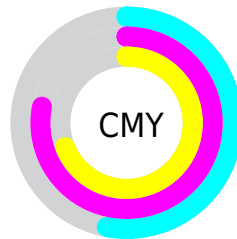
- Red (47%)
- Green (22%)
- Blue (31%)



- Red (47%)
- Yellow (22%)
- Blue (31%)



- Cyan (0%)
- Magenta (53%)
- Yellow (34%)
- Black (53%)



- Cyan (53%)
- Magenta (78%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 793950 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 793950 by changing the saturation by 10% instead.



 793950

 793950

FFFFFF

 5F2139

 AF6A81

 450824

 CC849B

 2F000E

 E89FB6

 020000

 FFBAD1

 000000

 FFD6EE

 FFF3FF

 793950

 793950

 792D48

 794558

 792140

 795160

 791539

 795D67

 790931

 79696F

 79002B

 797577

 79827F

 798E86

 799A8E

 79A696

# Harmonies

## Analogous

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



6A3E67



793950



7A3B38

# Triad

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



793950



455321



005777

# Complementary

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



793950



397962

# 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.



005A64



793950



255833

# Square

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



793950



5D4C1B



005A4C



1A517E

# Rectangle

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



793950



74402A



005A4C



005871



# Sweetspot

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



793950



9E858E



623979



4F4045



CFCFCF



4F4F4F



# Same Dimension

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



793950



9E3A5E



794239



3D3739



7D002D



FC005B



# Inverse Universe

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



793950



9E3A5E



397079



3D3739



7D002D

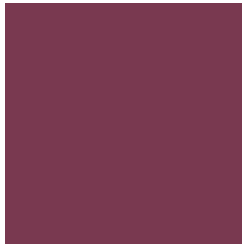


FC005B



# Previews

## White Background



This preview shows how the Hex color 793950 looks on a white background.

## Color Contrast Check

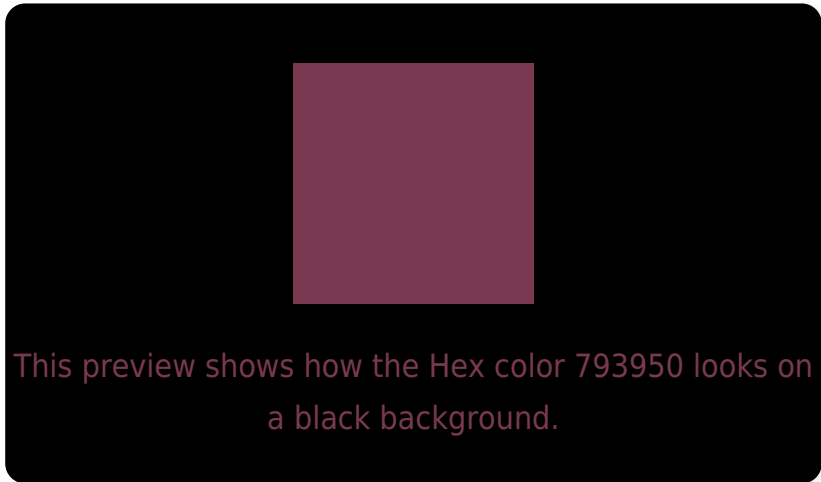
Large Text (above 18pt) WCAG AA ✓ Pass

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 793950 Background



This preview shows how black text looks on a background with the Hex color 793950.



This preview shows how white text looks on a background with the Hex color 793950.

# 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**  
793950

**Protanopia**  
4B4E5D

**Deuteranopia**  
574C4D



**Tritanopia**  
783C40

# Trichromacy



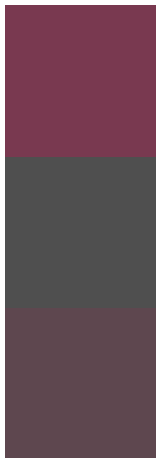
**Original Color**  
793950

**Protanomaly**  
5C4658

**Deuteranomaly**  
63454E

**Tritanomaly**  
783B46

# Monochromacy



**Original Color**  
793950

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
5E474F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 793950 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 #793950 looks like.

```
.text, #text, p{  
    color:#793950  
}
```

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 #793950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #793950
}
```

## Border

The CSS property to change the border of an element to Hex 793950 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
#793950 }
```

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

```
.border{ border-color:#793950 }
```

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

Here you see how a box with a 4 pixel #793950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #793950; -webkit-box-shadow:4px 4px  
4px 4px #793950; box-shadow:4px 4px 4px  
4px #793950 }
```

# Background

The CSS property to change the background color of an element to Hex 793950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#793950 }
```

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

```
.background{ background-color:#793950 }
```

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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