

Converting Colors

Hex(790833)

Have a look what the booklet for
Hex(790833) contains.

Hex(790833)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(790833)

Conversions

Conversions Part 1

Format	Color
Hex	790833
RGB	121, 8, 51
RGB Percent	47%, 3%, 20%
CMY	0.5255, 0.9686, 0.8000
CMYK	0.00, 0.93, 0.58, 0.53
HSL	337°, 88%, 25%
HSV	337°, 93%, 47%
XYZ	8.5695, 4.4776, 3.5446
YIQ	46.6890, 53.5450, 37.3290

Conversions

Conversions Part 2

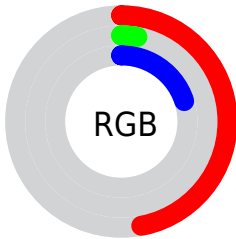
Format	Color
R_{YB}	121, 8, 51
Decimal	7931955
CIE Lab	25.19, 46.65, 7.16
CIE LCh	25, 47.200, 8.724
Yxy	4.4776, 0.5165, 0.2699
Android (android.graphics.Color)	4286122035 (0xFF790833)
YUV	46.6890, 2.1253, 65.1707
Hunter-Lab	21.1604, 35.2581, 4.8806

Details

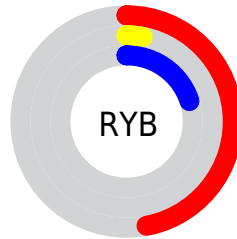
The Hex color **790833** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **08794E**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **B24561**, and **420004** is the 20% darker color. If you saturate the color by 10%, you get **79002E**, and if you desaturate by 10%, it is **79143A**.

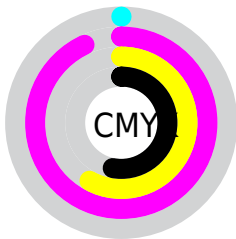
Distribution



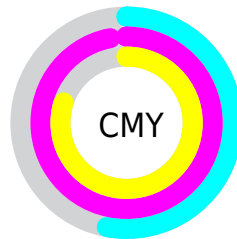
- Red (47%)
- Green (3%)
- Blue (20%)



- Red (47%)
- Yellow (3%)
- Blue (20%)



- Cyan (0%)
- Magenta (93%)
- Yellow (58%)
- Black (53%)



- Cyan (53%)
- Magenta (97%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 790833 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 790833 by changing the saturation by 10% instead.

 790833

 790833

FFFFFF

 5D001E

 B24561

 420004

 D0607A

 270001

 EE7B93

 000000

 FF96AE

 FF2C9

 FFCEE5

 FFEBFF

 790833

 790833

■ 79002E

■ 79143A

■ 792042

■ 792C49

■ 793851

■ 794458

■ 795160

■ 795D67

■ 79696F

■ 797576

Harmonies

Analogous

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



6D1656



790833



721C10

Triad

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



790833



174500



00477F

Complementary

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



790833



08794E

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.



004A68



790833



004920

Square

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



790833



413E00



004B46



003D83

Rectangle

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



790833



662A00



004B46



004879

Sweetspot

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



790833



9E7283



4E0879



4F343E



CFCFCF



4F4F4F

Same Dimension

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



790833



9E003C



791508



3D3739



7D0030



FC0060

Inverse Universe

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



790833



9E003C



086C79



3D3739



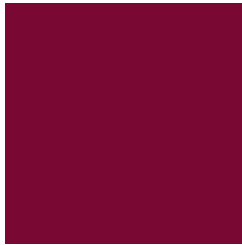
7D0030



FC0060

Previews

White Background



This preview shows how the Hex color 790833 looks on a white background.

Color Contrast Check

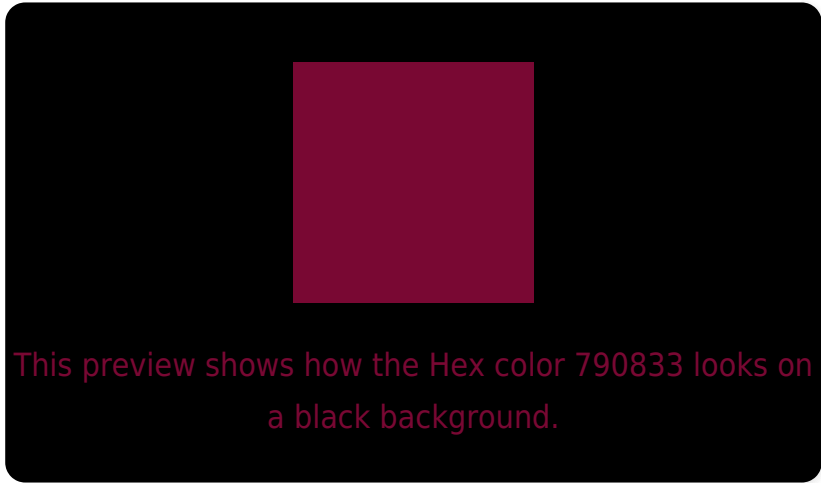
Large Text (above 18pt) WCAG AA ✓ Pass

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 790833 Background



This preview shows how black text looks on a background with the Hex color 790833.



This preview shows how white text looks on a background with the Hex color 790833.

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
790833

Protanopia
3C3E4A

Deuteranopia
4A3C2E



Tritanopia
781515

Trichromacy



Original Color
790833

Protanomaly
522A42

Deuteranomaly
5B2930

Tritanomaly
781020

Monochromacy



Original Color
790833

Achromatopsia
2F2F2F

Achromatomaly
4A2130

CSS Examples

Text

The CSS property to change the color of the text to Hex 790833 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 #790833 looks like.

```
.text, #text, p{  
    color:#790833  
}
```

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 #790833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #790833
}
```

Border

The CSS property to change the border of an element to Hex 790833 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".

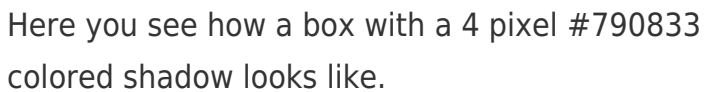
```
.border, #border, table{ border:4px solid
#790833 }
```

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

```
.border{ border-color:#790833 }
```

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

Here you see how a box with a 4 pixel #790833 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #790833; -webkit-box-shadow:4px 4px  
4px 4px #790833; box-shadow:4px 4px 4px  
4px #790833 }
```

Background

The CSS property to change the background color of an element to Hex 790833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#790833 }
```

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

```
.background{ background-color:#790833 }
```

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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