

Converting Colors

Hex(790031)

Have a look what the booklet for
Hex(790031) contains.

Hex(790031)	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(790031)

Conversions

Conversions Part 1

Format	Color
Hex	790031
RGB	121, 0, 49
RGB Percent	47%, 0%, 19%
CMY	0.5255, 1.0000, 0.8078
CMYK	0.00, 1.00, 0.60, 0.53
HSL	336°, 100%, 24%
HSV	336°, 100%, 47%
XYZ	8.4395, 4.2867, 3.2883
YIQ	41.7650, 56.3870, 40.8910

Conversions

Conversions Part 2

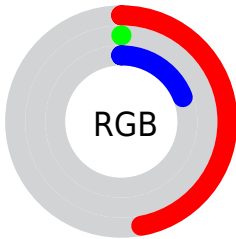
Format	Color
R_{YB}	121, 0, 49
Decimal	7929905
CIE _{Lab}	24.60, 48.08, 7.71
CIE _{LCh}	25, 48.690, 9.114
Yxy	4.2867, 0.5270, 0.2677
Android (android.graphics.Color)	4286119985 (0xFF790031)
YUV	41.7650, 3.5669, 69.4891
Hunter-Lab	20.7043, 36.5278, 5.0764

Details

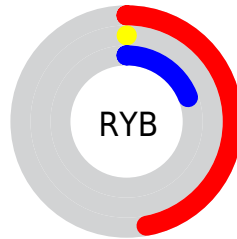
The Hex color **790031** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **007948**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **B3425F**, and **420001** is the 20% darker color. If you saturate the color by 10%, you get **790031**, and if you desaturate by 10%, it is **790C38**.

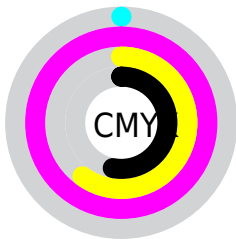
Distribution



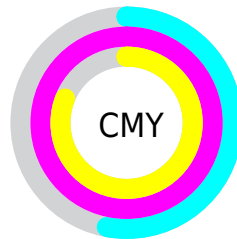
- Red (47%)
- Green (0%)
- Blue (19%)



- Red (47%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (60%)
- Black (53%)



- Cyan (53%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 790031 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 790031 by changing the saturation by 10% instead.

 790031

 790031

FFFFFF

 5D001C

 B3425F

 420001

 D05D77

 260001

 EE7891

 000000

 FF93AB

 FFAEC7

 FFCBE3

 FFE8FF

 790031

 790C38

 79183F

 792447

 79304E

 793C55

 79495C

 795563

 79616B

 796D72

Harmonies

Analogous

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



6D1055



790031



72190D

Triad

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



790031



134400



004580

Complementary

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



790031



007948

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.



004968



790031



00481E

Square

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



790031



3F3D00



004A45



003C84

Rectangle

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



790031



652800



004A45



00477A

Sweetspot

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



790031



9E6F82



470079



4F333E



CFCFCF



4F4F4F

Same Dimension

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



790031



9E0040



790A00



3D373A



7D0033



FC0066

Inverse Universe

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



790031



9E0040



006F79



3D373A



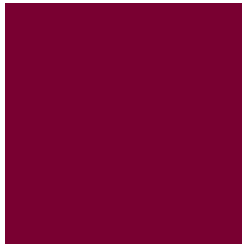
7D0033



FC0066

Previews

White Background



This preview shows how the Hex color 790031 looks on a white background.

Color Contrast Check

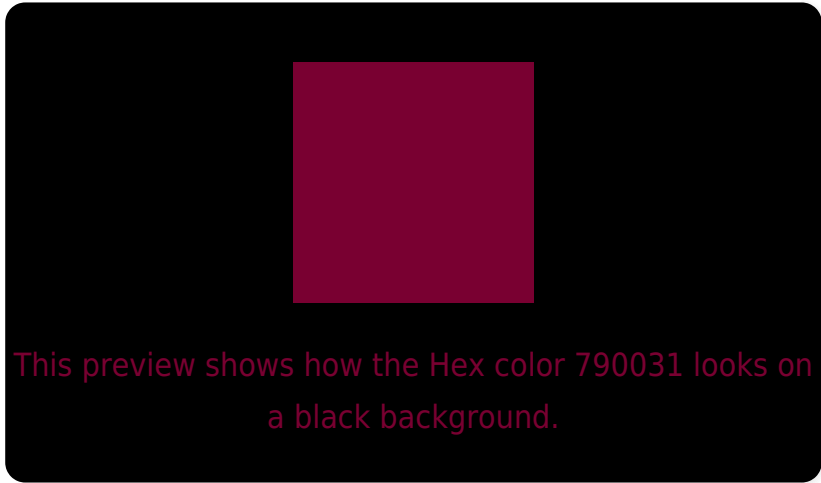
Large Text (above 18pt) WCAG AA ✓ Pass

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 790031 Background



This preview shows how black text looks on a background with the Hex color 790031.



This preview shows how white text looks on a background with the Hex color 790031.

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
790031

Protanopia
3D3E47

Deuteranopia
4A3C2C

Trichromacy



Original Color
790031

Protanomaly
53273F

Deuteranomaly
5B262E

Tritanomaly
780D1E

Monochromacy



Original Color
790031

Achromatopsia
2A2A2A

Achromatomaly
471B2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 790031 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 #790031 looks like.

```
.text, #text, p{  
    color:#790031  
}
```

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 #790031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #790031
}
```

Border

The CSS property to change the border of an element to Hex 790031 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
#790031 }
```

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

```
.border{ border-color:#790031 }
```

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

Here you see how a box with a 4 pixel #790031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #790031; -webkit-box-shadow:4px 4px  
4px 4px #790031; box-shadow:4px 4px 4px  
4px #790031 }
```

Background

The CSS property to change the background color of an element to Hex 790031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#790031 }
```

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

```
.background{ background-color:#790031 }
```

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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