

Converting Colors

Hex(790002)

Have a look what the booklet for
Hex(790002) contains.

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Color

Hex(790002)

Conversions

Conversions Part 1

Format	Color
Hex	790002
RGB	121, 0, 2
RGB Percent	47%, 0%, 1%
CMY	0.5255, 1.0000, 0.9922
CMYK	0.00, 1.00, 0.98, 0.53
HSL	359°, 100%, 24%
HSV	359°, 100%, 47%
XYZ	7.8961, 4.0693, 0.4267
YIQ	36.4070, 71.4740, 26.2740

Conversions

Conversions Part 2

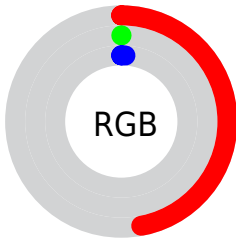
Format	Color
RYB	121, 0, 2
Decimal	7929858
CIELab	23.90, 46.19, 35.10
CIELCh	24, 58.015, 37.233
Yxy	4.0693, 0.6372, 0.3284
Android (android.graphics.Color)	4286119938 (0xFF790002)
YUV	36.4070, -16.9627, 74.1881
Hunter-Lab	20.1726, 34.5679, 12.8666

Details

The Hex color **790002** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **007977**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **B54130**, and **3F0000** is the 20% darker color. If you saturate the color by 10%, you get **790002**, and if you desaturate by 10%, it is **790C0E**.

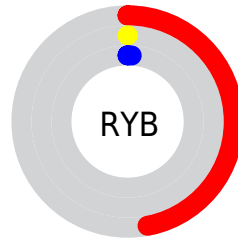
Distribution



Red (47%)

Green (0%)

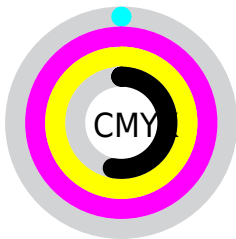
Blue (1%)



Red (47%)

Yellow (0%)

Blue (1%)

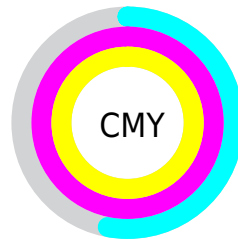


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (53%)



Cyan (53%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 790002 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 790002 by changing the saturation by 10% instead.

 790002

 790002

 FFFFE4

 5C0000

 B54130

 3F0000

 D45B47

 220001

 F3765F

 000000

 FF9178

 FFAC92

 FFC8AD

 FFE5C8

 790002

 790C0E

 79181A

 792426

 793032

 793C3E

 794949

 795555

 796161

 796D6D

Harmonies

Analogous

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



810031



790002



612900

Triad

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



790002



004813



003C91

Complementary

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



790002



007977

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.



00468B



790002



004A43

Square

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



790002



024400



004A6D



412680

Rectangle

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



790002



4A3600



004A6D



004192

Sweetspot

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



790002



9E6F6F



770079



4F3333



CFCFCF



4F4F4F

Same Dimension

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



790002



9E0003



793A00



3D3737



7D0002



FC0004

Inverse Universe

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



790002



9E0003



003F79



3D3737



7D0002



FC0004

Previews

White Background



This preview shows how the Hex color 790002 looks on a white background.

Color Contrast Check

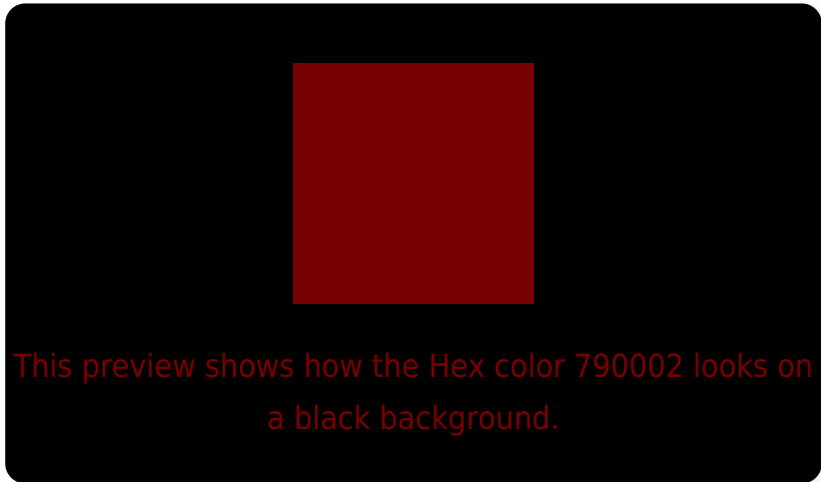
Large Text (above 18pt) WCAG AA ✓ Pass

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 790002 Background



This preview shows how black text looks on a background with the Hex color 790002.



This preview shows how white text looks on a background with the Hex color 790002.

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
790002

Protanopia
453D10

Deuteranopia
4D3A00



Tritanopia
780B00

Trichromacy



Original Color
790002

Protanomaly
58270B

Deuteranomaly
5D2501

Tritanomaly
780701

Monochromacy



Original Color
790002

Achromatopsia
242424

Achromatomaly
431718

CSS Examples

Text

The CSS property to change the color of the text to Hex 790002 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 #790002 looks like.

```
.text, #text, p{  
    color:#790002  
}
```

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 #790002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #790002
}
```

Border

The CSS property to change the border of an element to Hex 790002 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
#790002 }
```

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

```
.border{ border-color:#790002 }
```

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

Here you see how a box with a 4 pixel #790002 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #790002; -webkit-box-shadow:4px 4px  
4px 4px #790002; box-shadow:4px 4px 4px  
4px #790002 }
```

Background

The CSS property to change the background color of an element to Hex 790002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#790002 }
```

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

```
.background{ background-color:#790002 }
```

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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