

Converting Colors

Hex(7C022C)

Have a look what the booklet for
Hex(7C022C) contains.

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Color

Hex(7C022C)

Conversions

Conversions Part 1

Format	Color
Hex	7C022C
RGB	124, 2, 44
RGB Percent	49%, 1%, 17%
CMY	0.5137, 0.9922, 0.8275
CMYK	0.00, 0.98, 0.65, 0.51
HSL	339°, 97%, 25%
HSV	339°, 98%, 49%
XYZ	8.7885, 4.5104, 2.7903
YIQ	43.2660, 59.2300, 38.9260

Conversions

Conversions Part 2

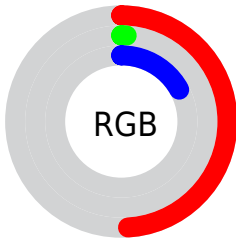
Format	Color
RYB	124, 2, 44
Decimal	8127020
CIELab	25.29, 48.12, 12.23
CIElCh	25, 49.646, 14.259
Yxy	4.5104, 0.5462, 0.2803
Android (android.graphics.Color)	4286317100 (0xFF7C022C)
YUV	43.2660, 0.3619, 70.8037
Hunter-Lab	21.2376, 36.7009, 7.0766

Details

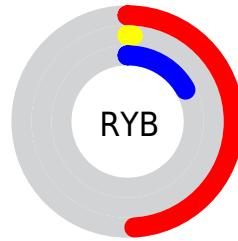
The Hex color **7C022C** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **027C52**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **B64359**, and **440000** is the 20% darker color. If you saturate the color by 10%, you get **7C002B**, and if you desaturate by 10%, it is **7C0E34**.

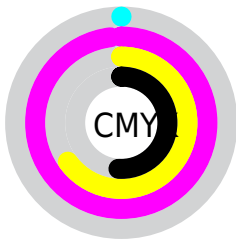
Distribution



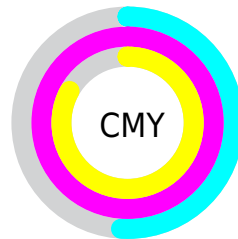
- Red (49%)
- Green (1%)
- Blue (17%)



- Red (49%)
- Yellow (1%)
- Blue (17%)



- Cyan (0%)
- Magenta (98%)
- Yellow (65%)
- Black (51%)



- Cyan (51%)
- Magenta (99%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C022C 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 7C022C by changing the saturation by 10% instead.

 7C022C

 7C022C

FFFFFF

 600018

 B64359

 440000

 D45E72

 290001

 F2798B

 000000

 FF94A5

 FFB0C0

 FFCCDC

 FFE9F9

 7C022C

 7C022C

■ 7C002B

■ 7C0E34

■ 7C1B3C

■ 7C2744

■ 7C344D

■ 7C4055

■ 7C4C5D

■ 7C5965

■ 7C656D

■ 7C7275

Harmonies

Analogous

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



730B51



7C022C



721E05

Triad

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



7C022C



014700



004685

Complementary

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



7C022C



027C52

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.



004B70



7C022C



004B26

Square

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



7C022C



3A4000



004C4E



003B86

Rectangle

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



7C022C



642D00



004C4E



004880

Sweetspot

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



7C022C



A17081



51027C



52343E



D1D1D1



525252

Same Dimension

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



7C022C



A10037



7C1402



3D3739



7D002B



FC0057

Inverse Universe

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



7C022C



A10037



026A7C



3D3739



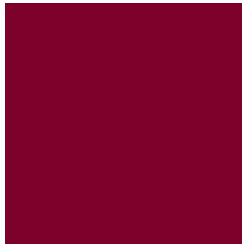
7D002B



FC0057

Previews

White Background



This preview shows how the Hex color 7C022C looks on a white background.

Color Contrast Check

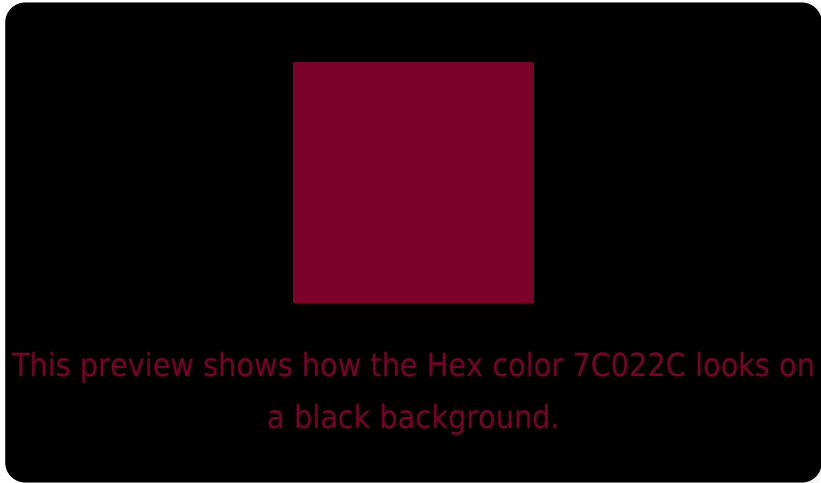
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C022C Background



This preview shows how black text looks on a background with the Hex color 7C022C.



This preview shows how white text looks on a background with the Hex color 7C022C.

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
7C022C

Protanopia
403F41

Deuteranopia
4D3D27



Tritanopia
7B1210

Trichromacy



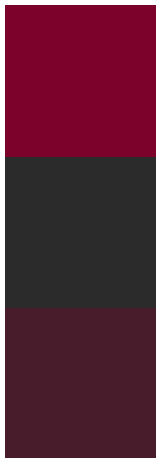
Original Color
7C022C

Protanomaly
562939

Deuteranomaly
5E2829

Tritanomaly
7B0C1A

Monochromacy



Original Color
7C022C

Achromatopsia
2B2B2B

Achromatomaly
481C2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C022C 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 #7C022C looks like.

```
.text, #text, p{  
    color:#7C022C  
}
```

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 #7C022C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C022C
}
```

Border

The CSS property to change the border of an element to Hex 7C022C 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".

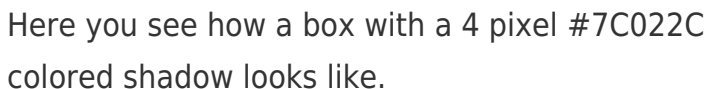
```
.border, #border, table{ border:4px solid
#7C022C }
```

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

```
.border{ border-color:#7C022C }
```

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

Here you see how a box with a 4 pixel #7C022C colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C022C; -webkit-box-shadow:4px 4px  
4px 4px #7C022C; box-shadow:4px 4px 4px  
4px #7C022C }
```

Background

The CSS property to change the background color of an element to Hex 7C022C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C022C }
```

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

```
.background{ background-color:#7C022C }
```

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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