

Converting Colors

Hex(7D022F)

Have a look what the booklet for
Hex(7D022F) contains.

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Color

Hex(7D022F)

Conversions

Conversions Part 1

Format	Color
Hex	7D022F
RGB	125, 2, 47
RGB Percent	49%, 1%, 18%
CMY	0.5098, 0.9922, 0.8157
CMYK	0.00, 0.98, 0.62, 0.51
HSL	338°, 97%, 25%
HSV	338°, 98%, 49%
XYZ	8.9922, 4.6086, 3.1049
YIQ	43.9070, 58.8630, 40.0710

Conversions

Conversions Part 2

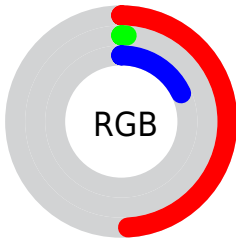
Format	Color
RYB	125, 2, 47
Decimal	8192559
CIELab	25.59, 48.57, 10.60
CIElCh	26, 49.711, 12.315
Yxy	4.6086, 0.5383, 0.2759
Android (android.graphics.Color)	4286382639 (0xFF7D022F)
YUV	43.9070, 1.5248, 71.1186
Hunter-Lab	21.4677, 37.2003, 6.4521

Details

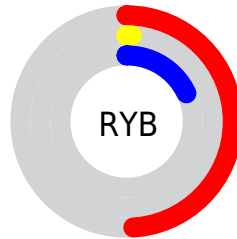
The Hex color **7D022F** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **027D50**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **B7445C**, and **460000** is the 20% darker color. If you saturate the color by 10%, you get **7D002E**, and if you desaturate by 10%, it is **7D0E37**.

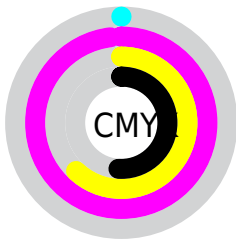
Distribution



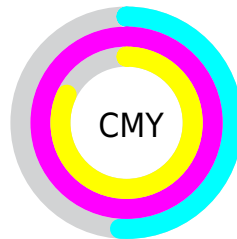
- Red (49%)
- Green (1%)
- Blue (18%)



- Red (49%)
- Yellow (1%)
- Blue (18%)



- Cyan (0%)
- Magenta (98%)
- Yellow (62%)
- Black (51%)



- Cyan (51%)
- Magenta (99%)
- Yellow (82%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D022F 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 7D022F by changing the saturation by 10% instead.

 7D022F

 7D022F

FFFFFF

 61001B

 B7445C

 460000

 D55F75

 2A0001

 F3798F

 000000

 FF95A9

 FFB1C4

 FFCDE0

 FFEAFD

 7D022F

 7D022F

■ 7D002E

■ 7D0E37

■ 7D1B3F

■ 7D2747

■ 7D344F

■ 7D4157

■ 7D4D5F

■ 7D5A66

■ 7D666E

■ 7D7276

Harmonies

Analogous

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



730E54



7D022F



741D09

Triad

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



7D022F



0A4700



004785

Complementary

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



7D022F



027D50

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.



004C6F



7D022F



004B24

Square

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



7D022F



3D4000



004C4C



003C87

Rectangle

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



7D022F



662C00



004C4C



004980

Sweetspot

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



7D022F



A37284



50027D



52343F



D1D1D1



525252

Same Dimension

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



7D022F



A3003C



7D1202



40393C



80002F



000000

Inverse Universe

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



7D022F



A3003C



026D7D



40393C



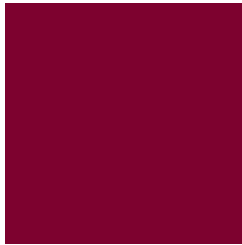
80002F



000000

Previews

White Background



This preview shows how the Hex color 7D022F looks on a white background.

Color Contrast Check

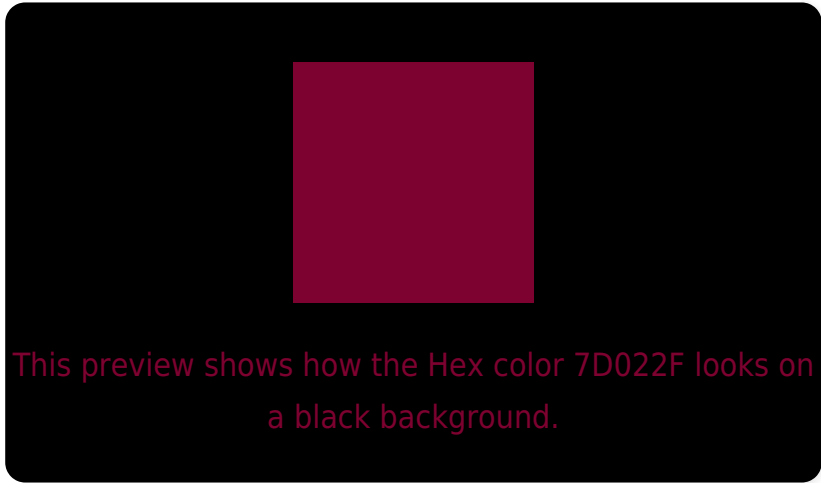
Large Text (above 18pt) WCAG AA ✓ Pass

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

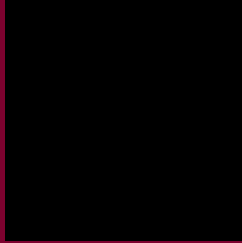
Any Text WCAG AA × Fail

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 7D022F Background



This preview shows how black text looks on a background with the Hex color 7D022F.



This preview shows how white text looks on a background with the Hex color 7D022F.

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
7D022F

Protanopia
404045

Deuteranopia
4D3D2A



Tritanopia
7C1311

Trichromacy



Original Color
7D022F

Protanomaly
56293D

Deuteranomaly
5E282C

Tritanomaly
7C0D1C

Monochromacy



Original Color
7D022F

Achromatopsia
2C2C2C

Achromatomaly
491D2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D022F 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 #7D022F looks like.

```
.text, #text, p{  
    color:#7D022F  
}
```

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 #7D022F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D022F
}
```

Border

The CSS property to change the border of an element to Hex 7D022F is called "border". The border property can be set on classes, ids or directly on the HTML element.

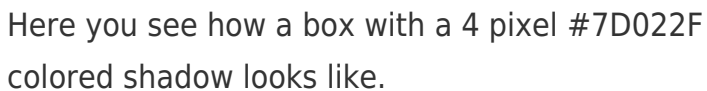
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D022F }
```

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

```
.border{ border-color:#7D022F }
```

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



Here you see how a box with a 4 pixel #7D022F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D022F; -webkit-box-shadow:4px 4px  
4px 4px #7D022F; box-shadow:4px 4px 4px  
4px #7D022F }
```

Background

The CSS property to change the background color of an element to Hex 7D022F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D022F }
```

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

```
.background{ background-color:#7D022F }
```

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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