

Converting Colors

Hex(7A002D)

Have a look what the booklet for
Hex(7A002D) contains.

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Color

Hex(7A002D)

Conversions

Conversions Part 1

Format	Color
Hex	7A002D
RGB	122, 0, 45
RGB Percent	48%, 0%, 18%
CMY	0.5216, 1.0000, 0.8235
CMYK	0.00, 1.00, 0.63, 0.52
HSL	338°, 100%, 24%
HSV	338°, 100%, 48%
XYZ	8.4997, 4.3270, 2.8698
YIQ	41.6080, 58.2670, 39.8590

Conversions

Conversions Part 2

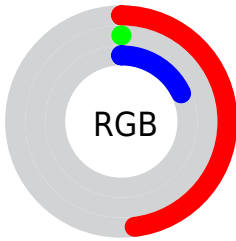
Format	Color
R_{YB}	122, 0, 45
Decimal	7995437
CIE _{Lab}	24.72, 48.06, 10.69
CIE _{LCh}	25, 49.232, 12.546
Yxy	4.3270, 0.5415, 0.2757
Android (android.graphics.Color)	4286185517 (0xFF7A002D)
YUV	41.6080, 1.6723, 70.5038
Hunter-Lab	20.8015, 36.5340, 6.3812

Details

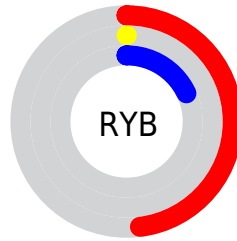
The Hex color **7A002D** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **007A4D**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **B4425A**, and **430000** is the 20% darker color. If you saturate the color by 10%, you get **7A002D**, and if you desaturate by 10%, it is **7A0C35**.

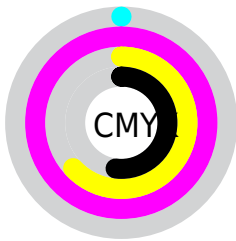
Distribution



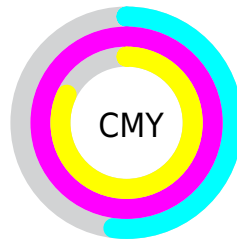
- Red (48%)
- Green (0%)
- Blue (18%)



- Red (48%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (63%)
- Black (52%)



- Cyan (52%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A002D 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 7A002D by changing the saturation by 10% instead.

 7A002D

 7A002D

FFFFFF

 5E0019

 B4425A

 430000

 D25D73

 270001

 F0788C

 000000

 FF93A6

 FFAFC2

 FFCBDD

 FFE8FA

 7A002D

 7A0C35

 7A183C

 7A2544

 7A314C

 7A3D54

 7A495B

 7A5563

 7A626B

 7A6E72

Harmonies

Analogous

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



700B52



7A002D



711C07

Triad

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



7A002D



074500



004582

Complementary

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



7A002D



007A4D

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.



00496D



7A002D



004923

Square

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



7A002D



3B3E00



004A4A



003A84

Rectangle

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



7A002D



632B00



004A4A



00477D

Sweetspot

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



7A002D



9E6F80



4B007A



4F333D



CFCFCF



4F4F4F

Same Dimension

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



7A002D



9E003A



7A0E00



3D3739



7D002E



FC005D

Inverse Universe

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



7A002D



9E003A



006C7A



3D3739



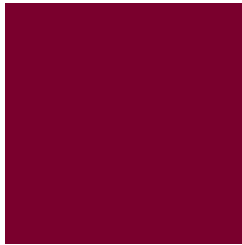
7D002E



FC005D

Previews

White Background



This preview shows how the Hex color 7A002D looks on a white background.

Color Contrast Check

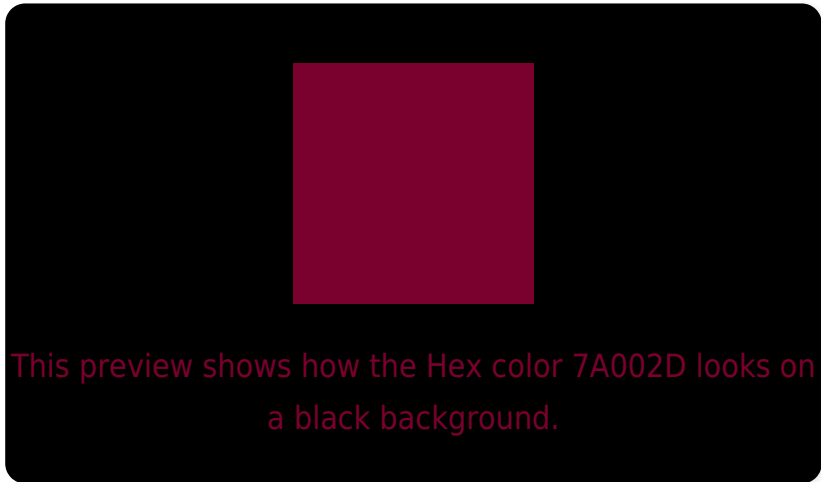
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A002D Background



This preview shows how black text looks on a background with the Hex color 7A002D.

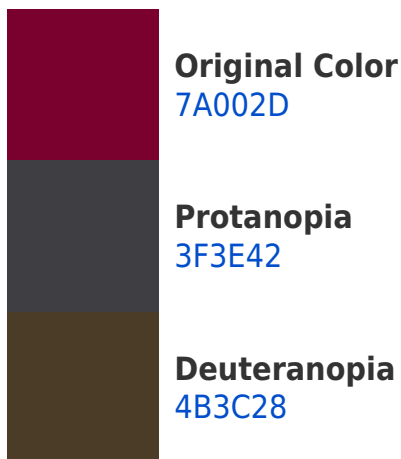


This preview shows how white text looks on a background with the Hex color 7A002D.

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





Tritanopia
791211

Trichromacy



Original Color
7A002D

Protanomaly
54273A

Deuteranomaly
5C262A

Tritanomaly
790B1B

Monochromacy



Original Color
7A002D

Achromatopsia
2A2A2A

Achromatomaly
471B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A002D 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 #7A002D looks like.

```
.text, #text, p{  
    color:#7A002D  
}
```

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 #7A002D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A002D
}
```

Border

The CSS property to change the border of an element to Hex 7A002D 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
#7A002D }
```

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

```
.border{ border-color:#7A002D }
```

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

Here you see how a box with a 4 pixel #7A002D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A002D; -webkit-box-shadow:4px 4px  
4px 4px #7A002D; box-shadow:4px 4px 4px  
4px #7A002D }
```

Background

The CSS property to change the background color of an element to Hex 7A002D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A002D }
```

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

```
.background{ background-color:#7A002D }
```

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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