

Converting Colors

Hex(7D004D)

Have a look what the booklet for
Hex(7D004D) contains.

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Color

Hex(7D004D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 7D004D |
| RGB | 125, 0, 77 |
| RGB Percent | 49%, 0%, 30% |
| CMY | 0.5098, 1.0000, 0.6980 |
| CMYK | 0.00, 1.00, 0.38, 0.51 |
| HSL | 323°, 100%, 25% |
| HSV | 323°, 100%, 49% |
| XYZ | 9.7970, 4.8958, 7.4498 |
| YIQ | 46.1530, 49.7830, 50.4470 |

Conversions

Conversions Part 2

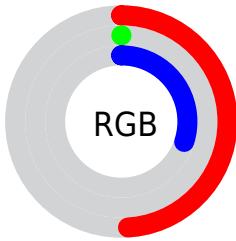
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 125, 0, 77 |
| Decimal | 8192077 |
| CIELab | 26.44, 51.52, -8.64 |
| CIELCh | 26, 52.240, 350.485 |
| Yxy | 4.8958, 0.4425, 0.2211 |
| Android (android.graphics.Color) | 4286382157 (0xFF7D004D) |
| YUV | 46.1530, 15.2076, 69.1488 |
| Hunter-Lab | 22.1264, 40.3138, -4.4740 |

Details

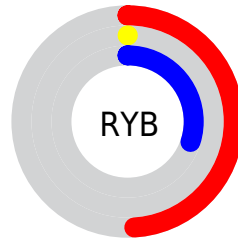
The Hex color **7D004D** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **007D30**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **B6447E**, and **460021** is the 20% darker color. If you saturate the color by 10%, you get **7D004D**, and if you desaturate by 10%, it is **7D0C52**.

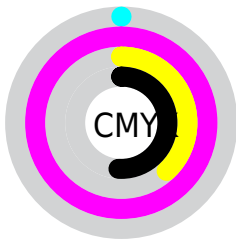
Distribution



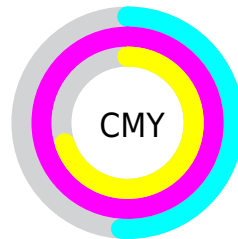
- Red (49%)
- Green (0%)
- Blue (30%)



- Red (49%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (38%)
- Black (51%)



- Cyan (51%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D004D 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 7D004D by changing the saturation by 10% instead.

 7D004D

 7D004D

FFFFFF

 610036

 B6447E

 460021

 D35F98

 2E0008

 F07BB3

 000000

 FF96CE

 FF2EA

 FFCEFF

 FFEBFF

 7D004D

 7D0C52

 7D1957

 7D265B

 7D3260

 7D3F65

 7D4B6A

 7D576F

 7D6473

 7D7178

Harmonies

Analogous

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



602372



7D004D



810326

Triad

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



7D004D



344500



004E7C

Complementary

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



7D004D



007D30

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.



004F59



7D004D



004B01

Square

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



7D004D



583800



004E30



00478E

Rectangle

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



7D004D



791B0B



004E30



004E72

Sweetspot

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



7D004D



A37290



30007D



523446



D1D1D1



525252

Same Dimension

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



7D004D



A30065



7D000F



40393D



80004F



000000

Inverse Universe

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



7D004D



A30065



007D6E



40393D



80004F



000000

Previews

White Background



This preview shows how the Hex color 7D004D looks on a white background.

Color Contrast Check

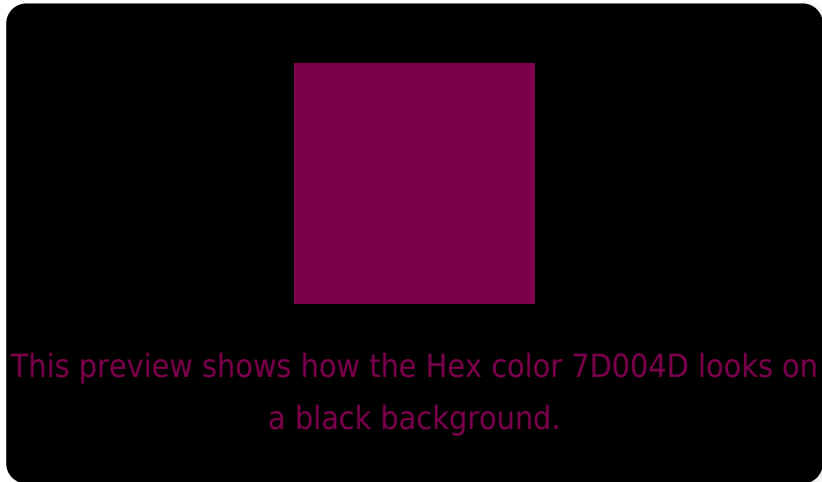
Large Text (above 18pt) WCAG AA ✓ Pass

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

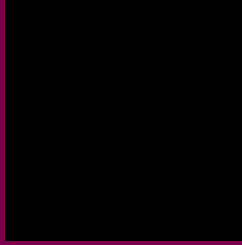
Any Text WCAG AA × Fail

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 7D004D Background



This preview shows how black text looks on a background with the Hex color 7D004D.



This preview shows how white text looks on a background with the Hex color 7D004D.

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
7D004D

Protanopia
2F416E

Deuteranopia
464048

Trichromacy



Original Color
7D004D



Protanomaly
4B2962



Deuteranomaly
5A294A



Tritanomaly
7B1330

Monochromacy



Original Color
7D004D



Achromatopsia
2E2E2E



Achromatomaly
4B1D39

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D004D 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 #7D004D looks like.

```
.text, #text, p{  
    color:#7D004D  
}
```

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 #7D004D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D004D
}
```

Border

The CSS property to change the border of an element to Hex 7D004D 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".

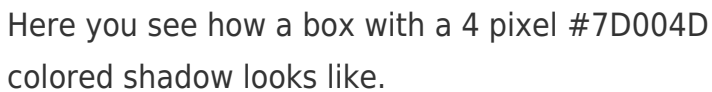
```
.border, #border, table{ border:4px solid
#7D004D }
```

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

```
.border{ border-color:#7D004D }
```

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

Here you see how a box with a 4 pixel #7D004D colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D004D; -webkit-box-shadow:4px 4px  
4px 4px #7D004D; box-shadow:4px 4px 4px  
4px #7D004D }
```

Background

The CSS property to change the background color of an element to Hex 7D004D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D004D }
```

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

```
.background{ background-color:#7D004D }
```

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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