

Converting Colors

Hex(7D004E)

Have a look what the booklet for
Hex(7D004E) contains.

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Color

Hex(7D004E)

Conversions

Conversions Part 1

Format	Color
Hex	7D004E
RGB	125, 0, 78
RGB Percent	49%, 0%, 31%
CMY	0.5098, 1.0000, 0.6941
CMYK	0.00, 1.00, 0.38, 0.51
HSL	323°, 100%, 25%
HSV	323°, 100%, 49%
XYZ	9.8326, 4.9100, 7.6372
YIQ	46.2670, 49.4620, 50.7580

Conversions

Conversions Part 2

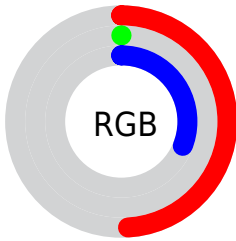
Format	Color
R_{YB}	125, 0, 78
Decimal	8192078
CIE Lab	26.48, 51.63, -9.25
CIE LCh	26, 52.449, 349.847
Yxy	4.9100, 0.4394, 0.2194
Android (android.graphics.Color)	4286382158 (0xFF7D004E)
YUV	46.2670, 15.6444, 69.0488
Hunter-Lab	22.1586, 40.4296, -4.9240

Details

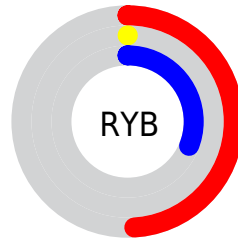
The Hex color **7D004E** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **007D2F**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **B6447F**, and **470022** is the 20% darker color. If you saturate the color by 10%, you get **7D004E**, and if you desaturate by 10%, it is **7D0C53**.

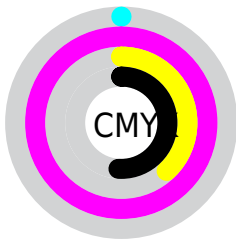
Distribution



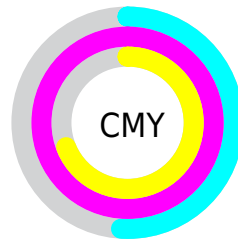
- Red (49%)
- Green (0%)
- Blue (31%)



- Red (49%)
- Yellow (0%)
- Blue (31%)



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



- Cyan (51%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D004E 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 7D004E by changing the saturation by 10% instead.

 7D004E

 7D004E

FFFFFF

 610037

 B6447F

 470022

 D36099

 2E0009

 F07BB4

 000000

 FF96CF

 FFB2EC

 FFCEFF

 FFE0FF

 7D004E

 7D0C53

 7D1957

 7D265C

 7D3261

 7D3F65

 7D4B6A

 7D576F

 7D6474

 7D7178

Harmonies

Analogous

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



5F2373



7D004E



820226

Triad

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



7D004E



354500



004E7C

Complementary

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



7D004E



007D2F

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



7D004E



004B00

Square

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



7D004E



593800



004E2F



00488E

Rectangle

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



7D004E



7A1A0C



004E2F



004F71

Sweetspot

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



7D004E



A37291



2E007D



523447



D1D1D1



525252

Same Dimension

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



7D004E



A30066



7D0011



40393D



800050



000000

Inverse Universe

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



7D004E



A30066



007D6C



40393D



800050



000000

Previews

White Background



This preview shows how the Hex color 7D004E looks on a white background.

Color Contrast Check

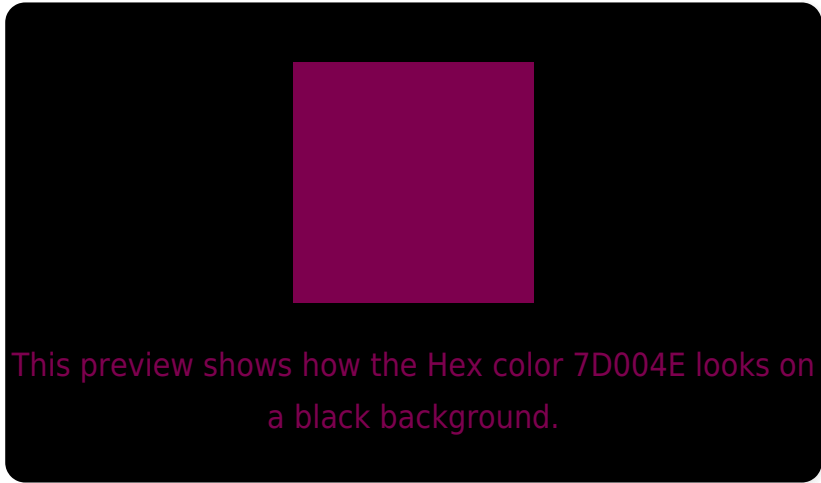
Large Text (above 18pt) WCAG AA ✓ Pass

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

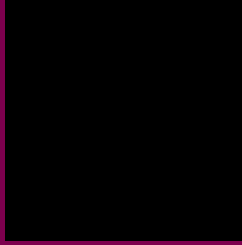
Any Text WCAG AA × Fail

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 7D004E Background



This preview shows how black text looks on a background with the Hex color 7D004E.



This preview shows how white text looks on a background with the Hex color 7D004E.

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



Trichromacy



Original Color
7D004E



Protanomaly
4B2964



Deuteranomaly
5A294A



Tritanomaly
7B1431

Monochromacy



Original Color
7D004E



Achromatopsia
2E2E2E



Achromatomaly
4B1D3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D004E 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 #7D004E looks like.

```
.text, #text, p{  
    color:#7D004E  
}
```

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 #7D004E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D004E
}
```

Border

The CSS property to change the border of an element to Hex 7D004E 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
#7D004E }
```

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

```
.border{ border-color:#7D004E }
```

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

Here you see how a box with a 4 pixel #7D004E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D004E; -webkit-box-shadow:4px 4px  
4px 4px #7D004E; box-shadow:4px 4px 4px  
4px #7D004E }
```

Background

The CSS property to change the background color of an element to Hex 7D004E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D004E }
```

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

```
.background{ background-color:#7D004E }
```

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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