

# Converting Colors

Hex(7E004E)

Have a look what the booklet for  
Hex(7E004E) contains.

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# Color

**Hex(7E004E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E004E
RGB	126, 0, 78
RGB Percent	49%, 0%, 31%
CMY	0.5059, 1.0000, 0.6941
CMYK	0.00, 1.00, 0.38, 0.51
HSL	323°, 100%, 25%
HSV	323°, 100%, 49%
XYZ	9.9793, 4.9857, 7.6441
YIQ	46.5660, 50.0580, 50.9700

# Conversions

## Conversions Part 2

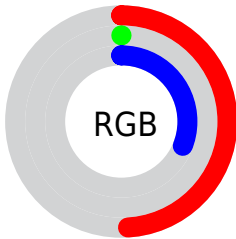
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 0, 78
Decimal	8257614
CIELab	26.69, 51.85, -8.90
CIElCh	27, 52.612, 350.266
Yxy	4.9857, 0.4414, 0.2205
Android (android.graphics.Color)	4286447694 (0xFF7E004E)
YUV	46.5660, 15.4970, 69.6636
Hunter-Lab	22.3286, 40.7019, -4.6676

# Details

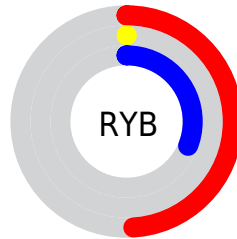
The Hex color **7E004E** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **007E30**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **B7457F**, and **470022** is the 20% darker color. If you saturate the color by 10%, you get **7E004E**, and if you desaturate by 10%, it is **7E0D53**.

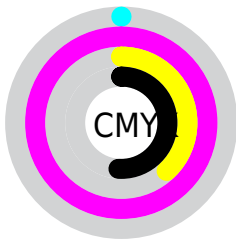
# Distribution



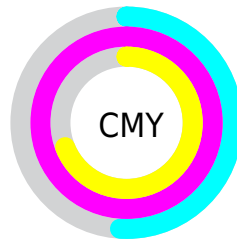
- Red (49%)
- Green (0%)
- Blue (31%)



- 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 7E004E 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 7E004E by changing the saturation by 10% instead.



 7E004E

 7E004E

FFFFFF

 620037

 B7457F

 470022

 D46099

 2F0009

 F27BB4

 000000

 FF96CF

 FFB2EB

 FFCFFF

 FFE0FF

 7E004E

 7E0D53

 7E1958

 7E265C

 7E3261

 7E3F66

 7E4C6B

 7E5870

 7E6574

 7E7179

# Harmonies

## Analogous

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



612373



7E004E



820326

# Triad

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



7E004E



354500



004E7D

# Complementary

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



7E004E



007E30

# 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.



00505A



7E004E



004C01

# Square

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



7E004E



593900



004F30



00488F

# Rectangle

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



7E004E



7B1B0B



004F30



004F73



# Sweetspot

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



7E004E



A37291



2E007E



523446



D1D1D1



525252



# Same Dimension

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



7E004E



A30065



7E0011



40393D



80004F



000000



# Inverse Universe

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



7E004E



A30065



007E6D



40393D



80004F



000000



# Previews

## White Background



This preview shows how the Hex color 7E004E looks on a white background.

## Color Contrast Check

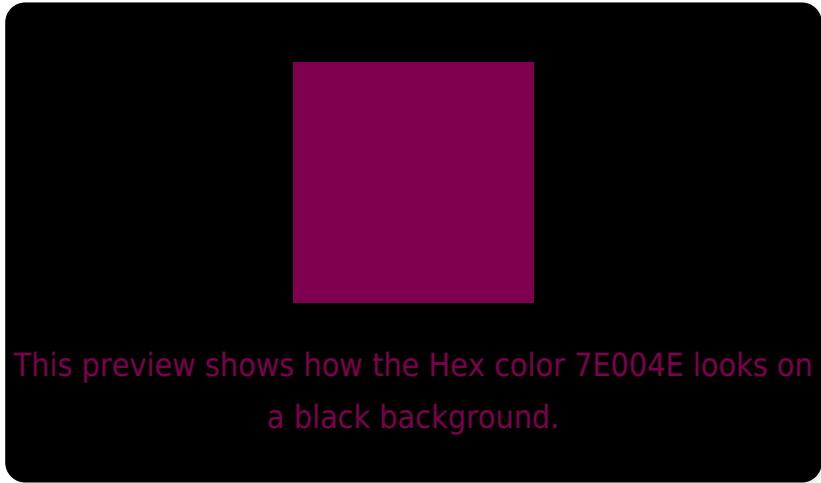
Large Text (above 18pt) WCAG AA ✓ Pass

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 7E004E Background



This preview shows how black text looks on a background with the Hex color 7E004E.



This preview shows how white text looks on a background with the Hex color 7E004E.

# 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**  
7E004E

**Protanomaly**  
4C2964

**Deuteranomaly**  
5B294A

**Tritanomaly**  
7C1431

# Monochromacy



**Original Color**  
7E004E

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
4C1E3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E004E 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 #7E004E looks like.

```
.text, #text, p{  
    color:#7E004E  
}
```

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 #7E004E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E004E
}
```

## Border

The CSS property to change the border of an element to Hex 7E004E 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
#7E004E }
```

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

```
.border{ border-color:#7E004E }
```

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

Here you see how a box with a 4 pixel #7E004E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E004E; -webkit-box-shadow:4px 4px  
4px 4px #7E004E; box-shadow:4px 4px 4px  
4px #7E004E }
```

# Background

The CSS property to change the background color of an element to Hex 7E004E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E004E }
```

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

```
.background{ background-color:#7E004E }
```

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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