

# Converting Colors

Hex(7D054E)

Have a look what the booklet for  
Hex(7D054E) contains.

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**Color**

**Hex(7D054E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D054E
RGB	125, 5, 78
RGB Percent	49%, 2%, 31%
CMY	0.5098, 0.9804, 0.6941
CMYK	0.00, 0.96, 0.38, 0.51
HSL	324°, 92%, 25%
HSV	324°, 96%, 49%
XYZ	9.8869, 5.0186, 7.6553
YIQ	49.2020, 48.0870, 48.1430

# Conversions

## Conversions Part 2

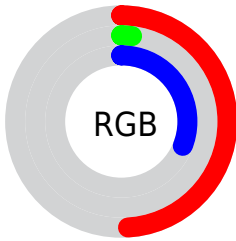
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 5, 78
Decimal	8193358
CIE Lab	26.79, 50.72, -8.77
CIE LCh	27, 51.473, 350.185
Yxy	5.0186, 0.4382, 0.2224
Android (android.graphics.Color)	4286383438 (0xFF7D054E)
YUV	49.2020, 14.1974, 66.4748
Hunter-Lab	22.4022, 39.5745, -4.5792

# Details

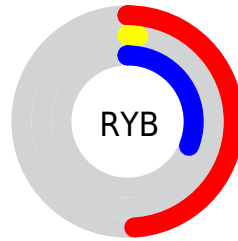
The Hex color **7D054E** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **057D34**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **B6467F**, and **470022** is the 20% darker color. If you saturate the color by 10%, you get **7D004C**, and if you desaturate by 10%, it is **7D1153**.

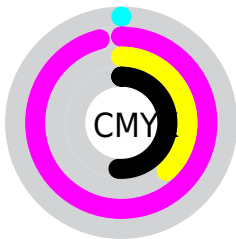
# Distribution



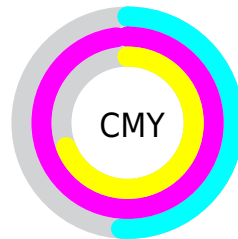
- Red (49%)
- Green (2%)
- Blue (31%)



- Red (49%)
- Yellow (2%)
- Blue (31%)



- Cyan (0%)
- Magenta (96%)
- Yellow (38%)
- Black (51%)



- Cyan (51%)
- Magenta (98%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D054E 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 7D054E by changing the saturation by 10% instead.



 7D054E

 7D054E

FFFFFF

 620037

 B6467F

 470022

 D36199

 2F000A

 F07CB4

 000000

 FF98CF

 FFB4EB

 FFD0FF

 FFEDFF

 7D054E

 7D054E

■ 7D004C

■ 7D1153

■ 7D1E58

■ 7D2A5D

■ 7D3762

■ 7D4366

■ 7D506B

■ 7D5C70

■ 7D6975

■ 7D757A

# Harmonies

## Analogous

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



602572



7D054E



820727

# Triad

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



7D054E



364500



004E7C

# Complementary

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



7D054E



057D34

# 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



7D054E



004C03

# Square

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



7D054E



593900



004F31



00488E

# Rectangle

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



7D054E



7A1D0D



004F31



004F72



# Sweetspot

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



7D054E



A37491



33057D



523546



D1D1D1



525252



# Same Dimension

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



7D054E



A30063



7D0513



40393D



80004E



000000



# Inverse Universe

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



7D054E



A30063



057D6F



40393D



80004E

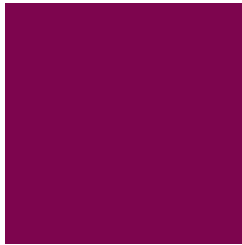


000000



# Previews

## White Background



This preview shows how the Hex color 7D054E looks on a white background.

## Color Contrast Check

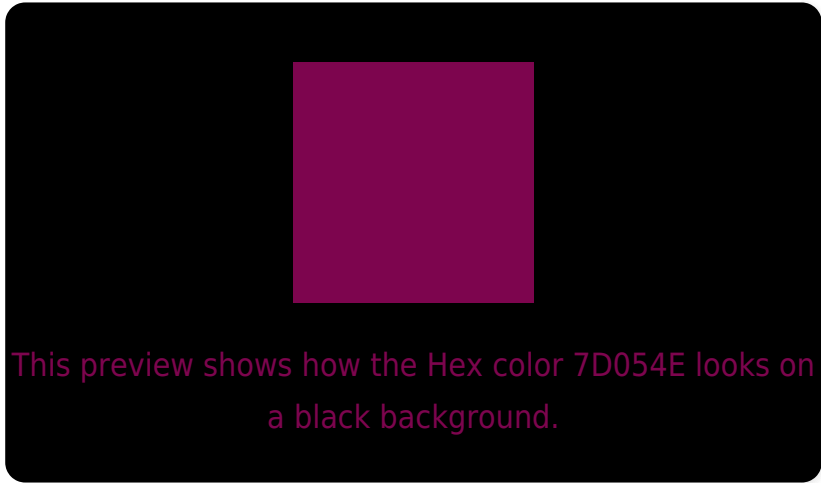
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D054E Background



This preview shows how black text looks on a background with the Hex color 7D054E.



This preview shows how white text looks on a background with the Hex color 7D054E.

# 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**  
7A1F20

# Trichromacy



**Original Color**  
7D054E

**Protanomaly**  
4B2B64

**Deuteranomaly**  
5A2B4B

**Tritanomaly**  
7B1631

# Monochromacy



**Original Color**  
7D054E

**Achromatopsia**  
313131

**Achromatomaly**  
4D213C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D054E 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 #7D054E looks like.

```
.text, #text, p{  
    color:#7D054E  
}
```

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 #7D054E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D054E
}
```

## Border

The CSS property to change the border of an element to Hex 7D054E is called "border". The border property can be set on classes, ids or directly on the HTML element.

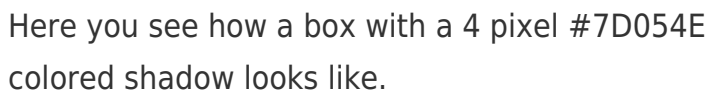
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D054E }
```

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

```
.border{ border-color:#7D054E }
```

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



Here you see how a box with a 4 pixel #7D054E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D054E; -webkit-box-shadow:4px 4px  
4px 4px #7D054E; box-shadow:4px 4px 4px  
4px #7D054E }
```

# Background

The CSS property to change the background color of an element to Hex 7D054E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D054E }
```

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

```
.background{ background-color:#7D054E }
```

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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