

# Converting Colors

Hex(7B074F)

Have a look what the booklet for  
Hex(7B074F) contains.

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# Color

**Hex(7B074F)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 7B074F                    |
| RGB         | 123, 7, 79                |
| RGB Percent | 48%, 3%, 31%              |
| CMY         | 0.5176, 0.9725, 0.6902    |
| CMYK        | 0.00, 0.94, 0.36, 0.52    |
| HSL         | 323°, 89%, 25%            |
| HSV         | 323°, 94%, 48%            |
| XYZ         | 9.6556, 4.9274, 7.8393    |
| YIQ         | 49.8920, 46.0240, 46.9840 |

# Conversions

## Conversions Part 2

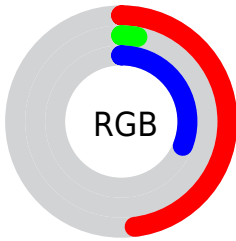
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 123, 7, 79                   |
| Decimal                             | 8062799                      |
| CIELab                              | 26.53, 50.00, -9.88          |
| CIElCh                              | 27, 50.962, 348.821          |
| Yxy                                 | 4.9274, 0.4306,<br>0.2198    |
| Android<br>(android.graphics.Color) | 4286252879<br>(0xFF7B074F)   |
| YUV                                 | 49.8920, 14.3502,<br>64.1157 |
| Hunter-Lab                          | 22.1978, 38.7981,<br>-5.4002 |

# Details

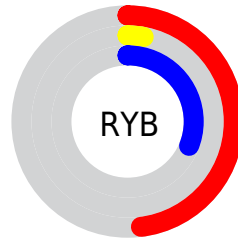
The Hex color **7B074F** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **077B33**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **B34780**, and **450023** is the 20% darker color. If you saturate the color by 10%, you get **7B004C**, and if you desaturate by 10%, it is **7B1354**.

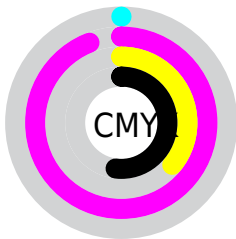
# Distribution



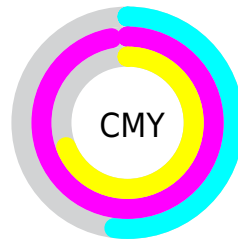
- Red (48%)
- Green (3%)
- Blue (31%)



- Red (48%)
- Yellow (3%)
- Blue (31%)



- Cyan (0%)
- Magenta (94%)
- Yellow (36%)
- Black (52%)



- Cyan (52%)
- Magenta (97%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B074F 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 7B074F by changing the saturation by 10% instead.



 7B074F

 7B074F

FFFFFF

 600038

 B34780

 450023

 D0629A

 2D000B

 EE7DB5

 000000

 FF98D1

 FFB4ED

 FFD0FF

 FFE0FF

 7B074F

 7B074F

7B004C

7B1354

7B2058

7B2C5D

7B3862

7B4566

7B516B

7B5D70

7B6974

7B7679

# Harmonies

## Analogous

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



5D2673



7B074F



800728

# Triad

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



7B074F



374400



004E79

# Complementary

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



7B074F



077B33

# 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.



004F57



7B074F



004B01

# Square

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



7B074F



5A3800



004E2E



00488C

# Rectangle

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



7B074F



791B0F



004E2E



004F6F



# Sweetspot

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



7B074F



A17490



32077B



523647



D1D1D1



525252



# Same Dimension

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



7B074F



A10064



7B0716



3D373B



7D004E



FC009D



# Inverse Universe

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



7B074F



A10064



077B6C



3D373B



7D004E

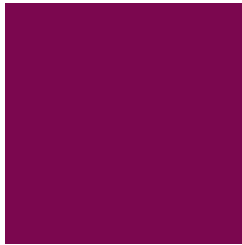


FC009D



# Previews

## White Background



This preview shows how the Hex color 7B074F looks on a white background.

## Color Contrast Check

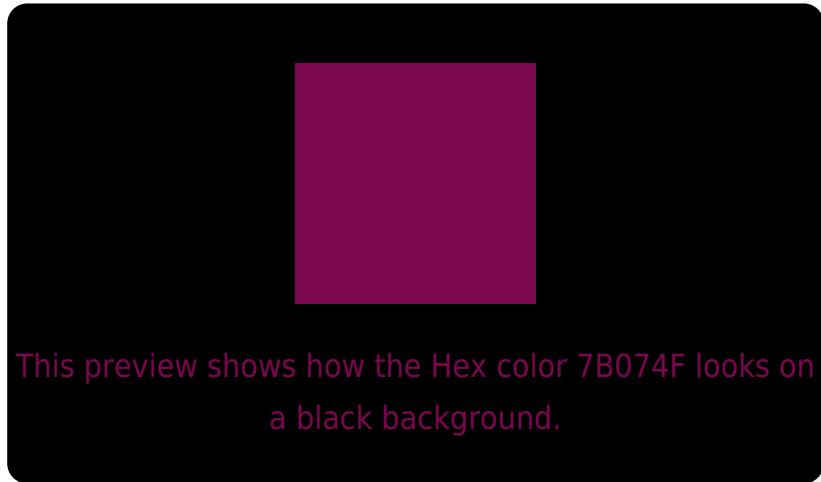
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B074F Background



This preview shows how black text looks on a background with the Hex color 7B074F.

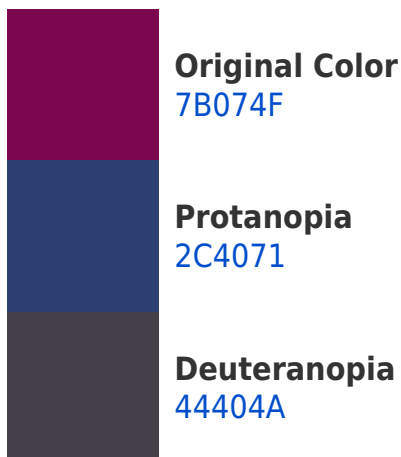


This preview shows how white text looks on a background with the Hex color 7B074F.

# 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**  
7B074F

**Protanomaly**  
492B65

**Deuteranomaly**  
582B4C

**Tritanomaly**  
791732

# Monochromacy



**Original Color**  
7B074F

**Achromatopsia**  
323232

**Achromatomaly**  
4D223D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B074F 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 #7B074F looks like.

```
.text, #text, p{  
    color:#7B074F  
}
```

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 #7B074F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B074F
}
```

## Border

The CSS property to change the border of an element to Hex 7B074F 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
#7B074F }
```

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

```
.border{ border-color:#7B074F }
```

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

Here you see how a box with a 4 pixel #7B074F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B074F; -webkit-box-shadow:4px 4px  
4px 4px #7B074F; box-shadow:4px 4px 4px  
4px #7B074F }
```

# Background

The CSS property to change the background color of an element to Hex 7B074F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B074F }
```

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

```
.background{ background-color:#7B074F }
```

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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