

Converting Colors

Hex(80076F)

Have a look what the booklet for
Hex(80076F) contains.

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Color

Hex(80076F)

Conversions

Conversions Part 1

Format	Color
Hex	80076F
RGB	128, 7, 111
RGB Percent	50%, 3%, 44%
CMY	0.4980, 0.9725, 0.5647
CMYK	0.00, 0.95, 0.13, 0.50
HSL	308°, 90%, 26%
HSV	308°, 95%, 50%
XYZ	11.8473, 5.8888, 15.5512
YIQ	55.0350, 38.7320, 57.9960

Conversions

Conversions Part 2

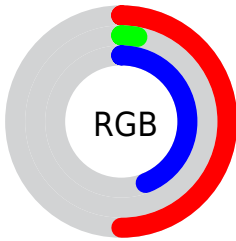
Format	Color
RYB	128, 7, 111
Decimal	8390511
CIELab	29.13, 55.24, -26.73
CIELCh	29, 61.366, 334.175
Yxy	5.8888, 0.3559, 0.1769
Android (android.graphics.Color)	4286580591 (0xFF80076F)
YUV	55.0350, 27.5907, 63.9903
Hunter-Lab	24.2670, 44.6779, -21.0084

Details

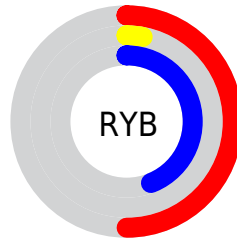
The Hex color **80076F** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **078018**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **B84AA3**, and **4A003F** is the 20% darker color. If you saturate the color by 10%, you get **80006E**, and if you desaturate by 10%, it is **801471**.

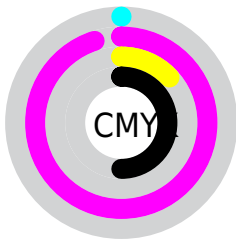
Distribution



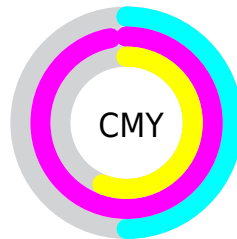
- Red (50%)
- Green (3%)
- Blue (44%)



- Red (50%)
- Yellow (3%)
- Blue (44%)



- Cyan (0%)
- Magenta (95%)
- Yellow (13%)
- Black (50%)



- Cyan (50%)
- Magenta (97%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80076F 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 80076F by changing the saturation by 10% instead.

 80076F

 80076F

FFFFFF

 650056

 B84AA3

 4A003F

 D565BE

 330029

 F280DA

 0C0012

 FF9CF7

 000000

 FFB8FF

 FFD5FF

 FFF2FF

 80076F

 80076F

■ 80006E

■ 801471

■ 802173

■ 802D74

■ 803A76

■ 804778

■ 80547A

■ 80617C

■ 806D7D

■ 807A7F

Harmonies

Analogous

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



463495



80076F



940040

Triad

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



80076F



4F4500



005879

Complementary

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



80076F



078018

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.



00574A



80076F



1A5000

Square

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



80076F



753100



005517



00549B

Rectangle

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



80076F



920022



005517



00586B

Sweetspot

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



80076F



A6779F



170780



543850



D4D4D4



545454

Same Dimension

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



80076F



A6008E



800733



40393F



80006E



000000

Inverse Universe

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



80076F



A6008E



078054



40393F



80006E



000000

Previews

White Background



This preview shows how the Hex color 80076F looks on a white background.

Color Contrast Check

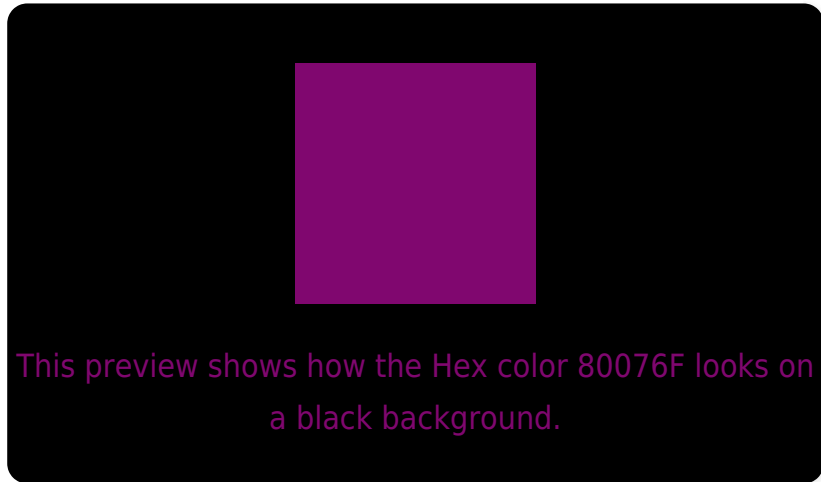
Large Text (above 18pt) WCAG AA ✓ Pass

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

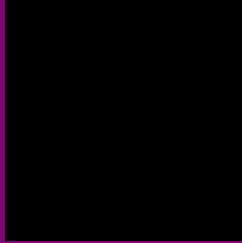
Any Text WCAG AA × Fail

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 80076F Background



This preview shows how black text looks on a background with the Hex color 80076F.

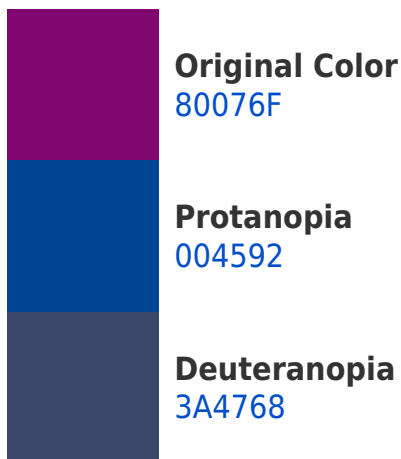


This preview shows how white text looks on a background with the Hex color 80076F.

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
80076F



Protanomaly
2F2E85



Deuteranomaly
53306B



Tritanomaly
7C1F46

Monochromacy



Original Color
80076F



Achromatopsia
373737



Achromatomaly
52264B

CSS Examples

Text

The CSS property to change the color of the text to Hex 80076F 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 #80076F looks like.

```
.text, #text, p{  
    color:#80076F  
}
```

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 #80076F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80076F
}
```

Border

The CSS property to change the border of an element to Hex 80076F is called "border". The border property can be set on classes, ids or directly on the HTML element.

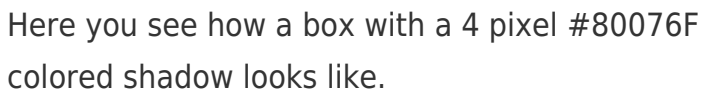
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80076F }
```

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

```
.border{ border-color:#80076F }
```

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



Here you see how a box with a 4 pixel #80076F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80076F; -webkit-box-shadow:4px 4px  
4px 4px #80076F; box-shadow:4px 4px 4px  
4px #80076F }
```

Background

The CSS property to change the background color of an element to Hex 80076F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80076F }
```

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

```
.background{ background-color:#80076F }
```

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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