

Converting Colors

Hex(7F006B)

Have a look what the booklet for
Hex(7F006B) contains.

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Color

Hex(7F006B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7F006B |
| RGB | 127, 0, 107 |
| RGB Percent | 50%, 0%, 42% |
| CMY | 0.5020, 1.0000, 0.5804 |
| CMYK | 0.00, 1.00, 0.16, 0.50 |
| HSL | 309°, 100%, 25% |
| HSV | 309°, 100%, 50% |
| XYZ | 11.4062, 5.5736, 14.3845 |
| YIQ | 50.1710, 41.3450, 60.2010 |

Conversions

Conversions Part 2

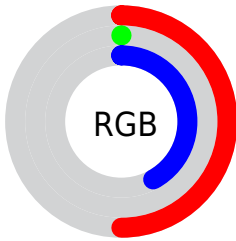
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 127, 0, 107 |
| Decimal | 8323179 |
| CIE _{Lab} | 28.31, 55.63, -25.46 |
| CIE _{LCh} | 28, 61.185, 335.406 |
| Yxy | 5.5736, 0.3637, 0.1777 |
| Android (android.graphics.Color) | 4286513259 (0xFF7F006B) |
| YUV | 50.1710, 28.0167, 67.3790 |
| Hunter-Lab | 23.6084, 44.9264, -19.5994 |

Details

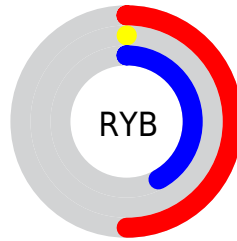
The Hex color **7F006B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **007F14**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **B7479F**, and **49003B** is the 20% darker color. If you saturate the color by 10%, you get **7F006B**, and if you desaturate by 10%, it is **7F0D6D**.

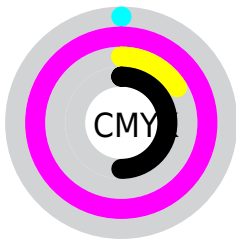
Distribution



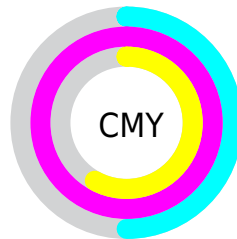
- Red (50%)
- Green (0%)
- Blue (42%)



- Red (50%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (16%)
- Black (50%)



- Cyan (50%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F006B 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 7F006B by changing the saturation by 10% instead.



7F006B



7F006B

FFFFFF



640053



B7479F



49003B



D462BA



310025



F27DD6



08000D



FF99F2



000000



FFB5FF



FFD2FF



FFEFFF



7F006B

■ 7F0D6D

■ 7F196F

■ 7F2671

■ 7F3373

■ 7F4075

■ 7F4C77

■ 7F5979

■ 7F667B

■ 7F727D

Harmonies

Analogous

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



473191



7F006B



91003D

Triad

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



7F006B



4B4400



005579

Complementary

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



7F006B



007F14

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.



00554A



7F006B



144E00

Square

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



7F006B



713000



005317



00529A

Rectangle

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



7F006B



8F001E



005317



00566A

Sweetspot

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



7F006B



A6749E



13007F



54364F



D4D4D4



545454

Same Dimension

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



7F006B



A6008C



7F002C



40393F



80006B



000000

Inverse Universe

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



7F006B



A6008C



007F53



40393F



80006B



000000

Previews

White Background



This preview shows how the Hex color 7F006B looks on a white background.

Color Contrast Check

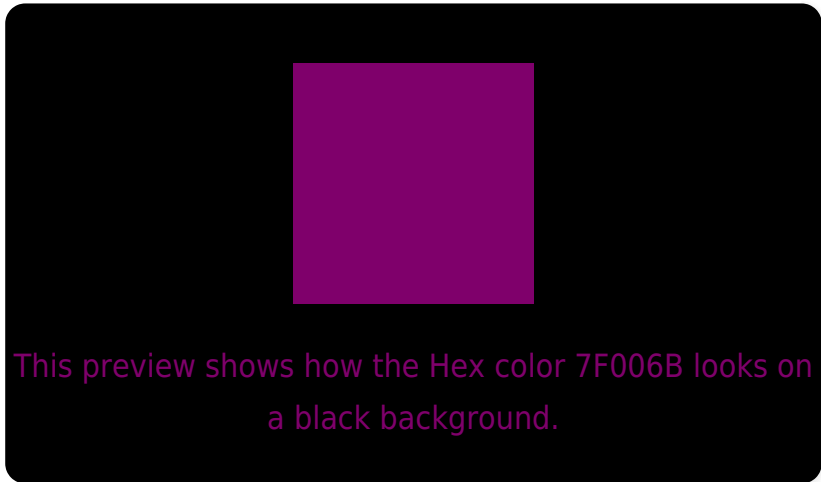
Large Text (above 18pt) WCAG AA ✓ Pass

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

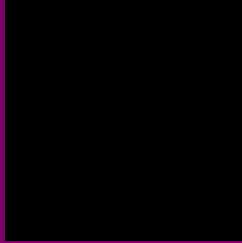
Any Text WCAG AA × Fail

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 7F006B Background



This preview shows how black text looks on a background with the Hex color 7F006B.

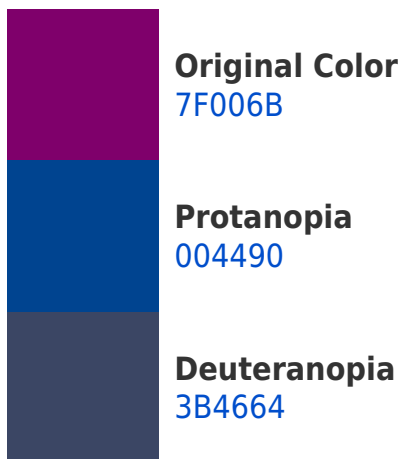


This preview shows how white text looks on a background with the Hex color 7F006B.

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



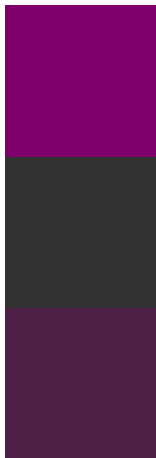
Original Color
7F006B

Protanomaly
2E2B83

Deuteranomaly
542D67

Tritanomaly
7C1B44

Monochromacy



Original Color
7F006B

Achromatopsia
323232

Achromatomaly
4E2047

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F006B 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 #7F006B looks like.

```
.text, #text, p{  
    color:#7F006B  
}
```

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 #7F006B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F006B
}
```

Border

The CSS property to change the border of an element to Hex 7F006B 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
#7F006B }
```

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

```
.border{ border-color:#7F006B }
```

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

Here you see how a box with a 4 pixel #7F006B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F006B; -webkit-box-shadow:4px 4px  
4px 4px #7F006B; box-shadow:4px 4px 4px  
4px #7F006B }
```

Background

The CSS property to change the background color of an element to Hex 7F006B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F006B }
```

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

```
.background{ background-color:#7F006B }
```

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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