

Converting Colors

Hex(7F0061)

Have a look what the booklet for
Hex(7F0061) contains.

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Color

Hex(7F0061)

Conversions

Conversions Part 1

Format	Color
Hex	7F0061
RGB	127, 0, 97
RGB Percent	50%, 0%, 38%
CMY	0.5020, 1.0000, 0.6196
CMYK	0.00, 1.00, 0.24, 0.50
HSL	314°, 100%, 25%
HSV	314°, 100%, 50%
XYZ	10.9101, 5.3751, 11.7717
YIQ	49.0310, 44.5550, 57.0910

Conversions

Conversions Part 2

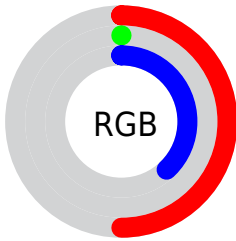
Format	Color
RYB	127, 0, 97
Decimal	8323169
CIELab	27.78, 54.30, -19.80
CIElCh	28, 57.796, 339.967
Yxy	5.3751, 0.3889, 0.1916
Android (android.graphics.Color)	4286513249 (0xFF7F0061)
YUV	49.0310, 23.6487, 68.3788
Hunter-Lab	23.1842, 43.4263, -13.8753

Details

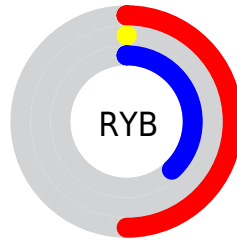
The Hex color **7F0061** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **007F1E**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **B74694**, and **490032** is the 20% darker color. If you saturate the color by 10%, you get **7F0061**, and if you desaturate by 10%, it is **7F0D64**.

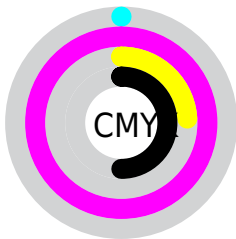
Distribution



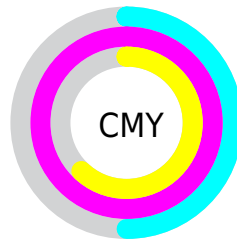
- Red (50%)
- Green (0%)
- Blue (38%)



- Red (50%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (50%)



- Cyan (50%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F0061 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 7F0061 by changing the saturation by 10% instead.

 7F0061

 7F0061

FFFFFF

 640049

 B74694

 490032

 D461AF

 31001D

 F27DCA

 040000

 FF98E6

 000000

 FFB4FF

 FFD1FF

 FFEEFF

 7F0061

 7F0D64

 7F1967

 7F266A

 7F336D

 7F4070

 7F4C73

 7F5976

 7F6679

 7F727C

Harmonies

Analogous

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



522C87



7F0061



8C0035

Triad

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



7F0061



444500



00537A

Complementary

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



7F0061



007F1E

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.



005350



7F0061



064E00

Square

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



7F0061



693400



005221



004F96

Rectangle

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



7F0061



880418



005221



00546D

Sweetspot

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



7F0061



A6749A



1E007F



54364D



D4D4D4



545454

Same Dimension

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



7F0061



A6007F



7F0022



40393E



800061



000000

Inverse Universe

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



7F0061



A6007F



007F5D



40393E



800061



000000

Previews

White Background



This preview shows how the Hex color 7F0061 looks on a white background.

Color Contrast Check

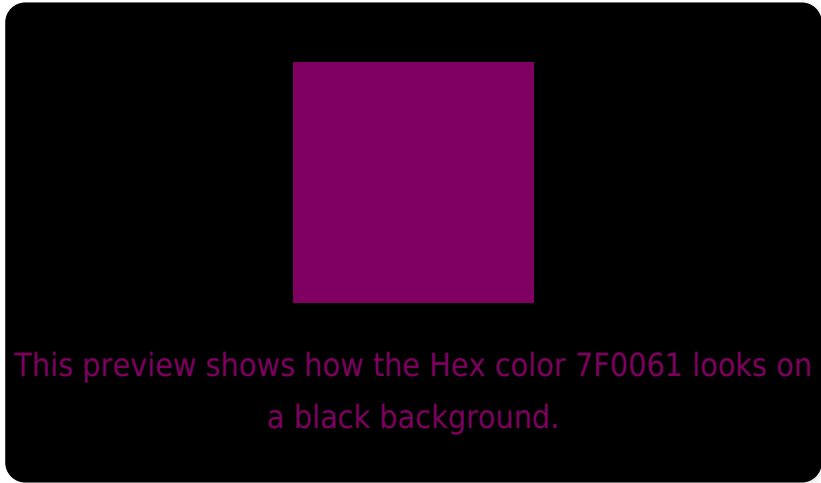
Large Text (above 18pt) WCAG AA ✓ Pass

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

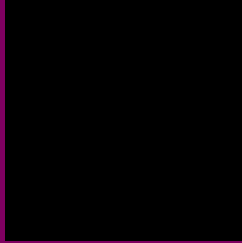
Any Text WCAG AA × Fail

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 7F0061 Background



This preview shows how black text looks on a background with the Hex color 7F0061.

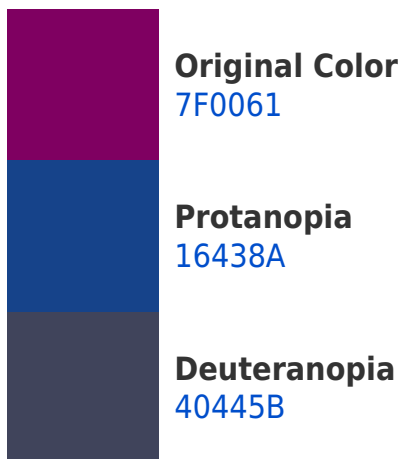


This preview shows how white text looks on a background with the Hex color 7F0061.

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
7B2628

Trichromacy



Original Color
7F0061

Protanomaly
3C2B7B

Deuteranomaly
572B5D

Tritanomaly
7C183D

Monochromacy



Original Color
7F0061

Achromatopsia
313131

Achromatomaly
4D1F42

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F0061 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 #7F0061 looks like.

```
.text, #text, p{  
    color:#7F0061  
}
```

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 #7F0061 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F0061
}
```

Border

The CSS property to change the border of an element to Hex 7F0061 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".

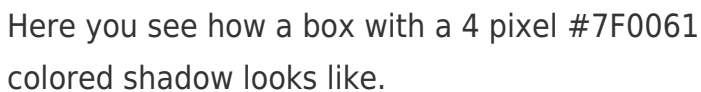
```
.border, #border, table{ border:4px solid
#7F0061 }
```

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

```
.border{ border-color:#7F0061 }
```

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

Here you see how a box with a 4 pixel #7F0061 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F0061; -webkit-box-shadow:4px 4px  
4px 4px #7F0061; box-shadow:4px 4px 4px  
4px #7F0061 }
```

Background

The CSS property to change the background color of an element to Hex 7F0061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F0061 }
```

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

```
.background{ background-color:#7F0061 }
```

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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