

# Converting Colors

Hex(800061)

Have a look what the booklet for  
Hex(800061) contains.

<b>Hex(800061)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	21
<i><b>Color Blindness Simulation</b></i> .....	24
<i><b>CSS Examples</b></i> .....	27

**Color**

**Hex(800061)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	800061
RGB	128, 0, 97
RGB Percent	50%, 0%, 38%
CMY	0.4980, 1.0000, 0.6196
CMYK	0.00, 1.00, 0.24, 0.50
HSL	315°, 100%, 25%
HSV	315°, 100%, 50%
XYZ	11.0598, 5.4523, 11.7787
YIQ	49.3300, 45.1510, 57.3030

# Conversions

## Conversions Part 2

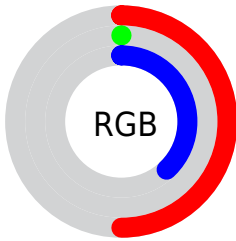
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 0, 97
Decimal	8388705
CIE <sub>Lab</sub>	27.99, 54.51, -19.46
CIE <sub>LCh</sub>	28, 57.876, 340.354
Yxy	5.4523, 0.3909, 0.1927
Android (android.graphics.Color)	4286578785 (0xFF800061)
YUV	49.3300, 23.5013, 68.9936
Hunter-Lab	23.3501, 43.6838, -13.5633

# Details

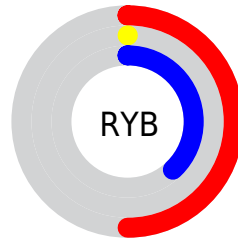
The Hex color **800061** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00801F**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **B84694**, and **4A0032** is the 20% darker color. If you saturate the color by 10%, you get **800061**, and if you desaturate by 10%, it is **800D64**.

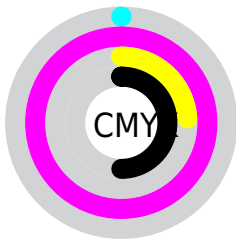
# Distribution



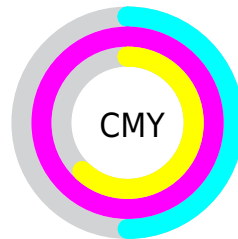
- Red (50%)
- Green (0%)
- Blue (38%)



- 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 800061 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 800061 by changing the saturation by 10% instead.



 800061

 800061

FFFFFF

 650049

 B84694

 4A0032

 D562AF

 32001D

 F37DCA

 070000

 FF98E6

 000000

 FFB5FF

 FFD1FF

 FFEEFF

 800061

 800D64

 801A67

 80266A

 80336D

 804071

 804D74

 805A77

 80667A

 80737D

# Harmonies

## Analogous

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



542D87



800061



8D0035

# Triad

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



800061



444500



00547B

# Complementary

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



800061



00801F

# 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.



005451



800061



054E00

# Square

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



800061



693400



005222



004F97

# Rectangle

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



800061



880518



005222



00546E



# Sweetspot

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



800061



A6749A



1E0080



54364D



D4D4D4



545454



# Same Dimension

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



800061



A6007E



800022



40393E



000000

# Inverse Universe

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



800061



A6007E



00805E



40393E



000000

# Previews

## White Background



This preview shows how the Hex color 800061 looks on a white background.

## Color Contrast Check

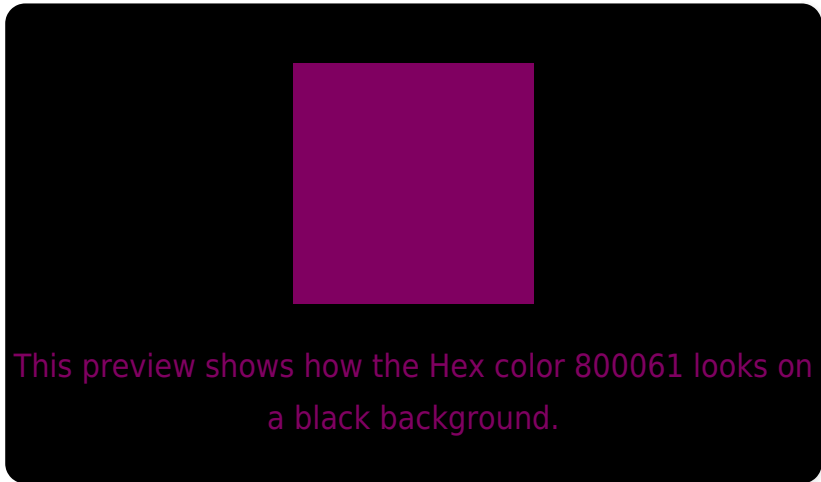
Large Text (above 18pt) WCAG AA ✓ Pass

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

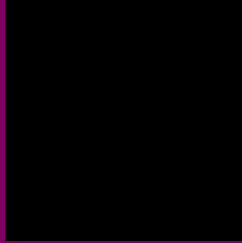
Any Text WCAG AA × Fail

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 800061 Background



This preview shows how black text looks on a background with the Hex color 800061.

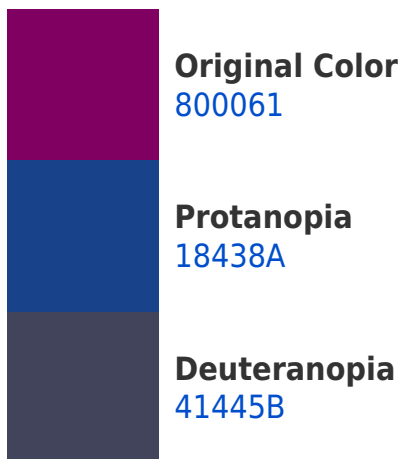


This preview shows how white text looks on a background with the Hex color 800061.

# 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**  
800061

**Protanomaly**  
3E2B7B

**Deuteranomaly**  
582B5D

**Tritanomaly**  
7D183D

# Monochromacy



**Original Color**  
800061

**Achromatopsia**  
313131

**Achromatomaly**  
4E1F42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 800061 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 #800061 looks like.

```
.text, #text, p{  
    color:#800061  
}
```

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 #800061 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #800061
}
```

## Border

The CSS property to change the border of an element to Hex 800061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

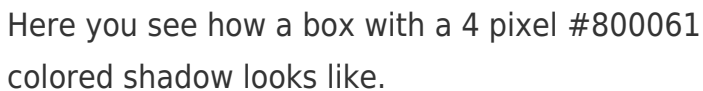
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#800061 }
```

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

```
.border{ border-color:#800061 }
```

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



Here you see how a box with a 4 pixel #800061 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #800061; -webkit-box-shadow:4px 4px  
4px 4px #800061; box-shadow:4px 4px 4px  
4px #800061 }
```

# Background

The CSS property to change the background color of an element to Hex 800061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#800061 }
```

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

```
.background{ background-color:#800061 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor