

# Converting Colors

Hex(810057)

Have a look what the booklet for  
Hex(810057) contains.

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**Color**

**Hex(810057)**

# Conversions

## Conversions Part 1

Format	Color
Hex	810057
RGB	129, 0, 87
RGB Percent	51%, 0%, 34%
CMY	0.4941, 1.0000, 0.6588
CMYK	0.00, 1.00, 0.33, 0.49
HSL	320°, 100%, 25%
HSV	320°, 100%, 51%
XYZ	10.7736, 5.3552, 9.4827
YIQ	48.4890, 48.9570, 54.4050

# Conversions

## Conversions Part 2

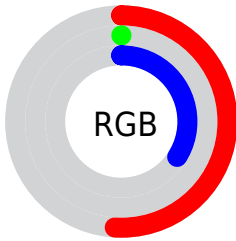
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 0, 87
Decimal	8454231
CIE <sub>Lab</sub>	27.72, 53.51, -13.27
CIE <sub>LCh</sub>	28, 55.134, 346.077
Yxy	5.3552, 0.4207, 0.2091
Android (android.graphics.Color)	4286644311 (0xFF810057)
YUV	48.4890, 18.9859, 70.6081
Hunter-Lab	23.1414, 42.6038, -8.0963

# Details

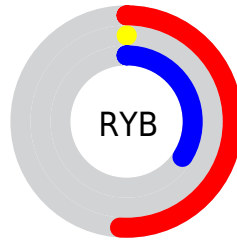
The Hex color **810057** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00812A**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **BA4689**, and **4A002A** is the 20% darker color. If you saturate the color by 10%, you get **810057**, and if you desaturate by 10%, it is **810D5B**.

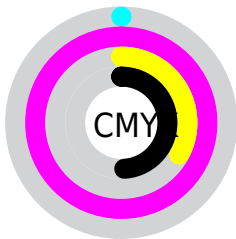
# Distribution



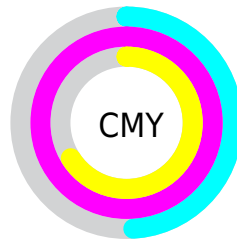
- Red (51%)
- Green (0%)
- Blue (34%)



- Red (51%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 810057 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 810057 by changing the saturation by 10% instead.



 810057

 810057

FFFFFF

 650040

 BA4689

 4A002A

 D761A3

 320015

 F57CBE

 020000

 FF98DA

 000000


 FFB4F7

 FFD1FF


 FFEEFF

 810057

 810D5B


 811A5F


 812764

 813468

 81416C

 814D70

 815A74

 816779

 81747D

# Harmonies

## Analogous

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



5E287D



810057



89002D

# Triad

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



810057



3C4700



00527E

# Complementary

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



810057



00812A

# 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.



005358



810057



004E00

# Square

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



810057



613800



00522B



004C95

# Rectangle

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



810057



821511



00522B



005373



# Sweetspot

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



810057



A87698



290081



54364A



D4D4D4



545454



# Same Dimension

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



810057



A80072



810018



40393E



800056



000000



# Inverse Universe

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



810057



A80072



008169



40393E



800056



000000



# Previews

## White Background



This preview shows how the Hex color 810057 looks on a white background.

## Color Contrast Check

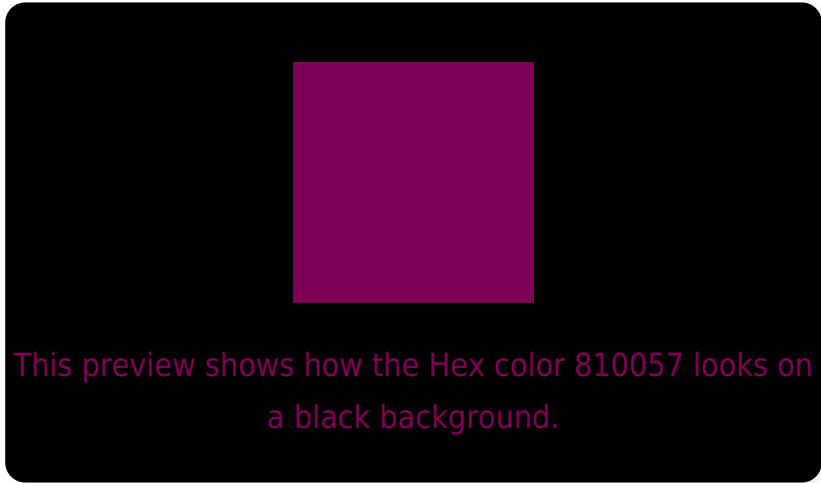
Large Text (above 18pt) WCAG AA ✓ Pass

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

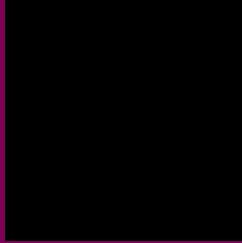
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 810057 Background



This preview shows how black text looks on a background with the Hex color 810057.



This preview shows how white text looks on a background with the Hex color 810057.

# 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**  
7E2224

# Trichromacy



**Original Color**  
810057

**Protanomaly**  
492B6F

**Deuteranomaly**  
5B2B53

**Tritanomaly**  
7F1637

# Monochromacy



**Original Color**  
810057

**Achromatopsia**  
303030

**Achromatomaly**  
4D1F3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 810057 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 #810057 looks like.

```
.text, #text, p{  
    color:#810057  
}
```

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 #810057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #810057
}
```

## Border

The CSS property to change the border of an element to Hex 810057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

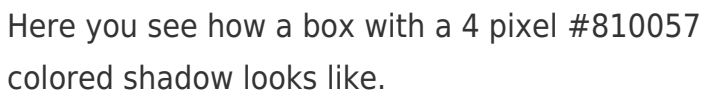
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#810057 }
```

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

```
.border{ border-color:#810057 }
```

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



Here you see how a box with a 4 pixel #810057 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #810057; -webkit-box-shadow:4px 4px  
4px 4px #810057; box-shadow:4px 4px 4px  
4px #810057 }
```

# Background

The CSS property to change the background color of an element to Hex 810057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#810057 }
```

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

```
.background{ background-color:#810057 }
```

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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