

# Converting Colors

Hex(850075)

Have a look what the booklet for  
Hex(850075) contains.

<b>Hex(850075)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(850075)**

# Conversions

## Conversions Part 1

Format	Color
Hex	850075
RGB	133, 0, 117
RGB Percent	52%, 0%, 46%
CMY	0.4784, 1.0000, 0.5412
CMYK	0.00, 1.00, 0.12, 0.48
HSL	307°, 100%, 26%
HSV	307°, 100%, 52%
XYZ	12.8838, 6.2709, 17.3610
YIQ	53.1050, 41.7110, 64.5830

# Conversions

## Conversions Part 2

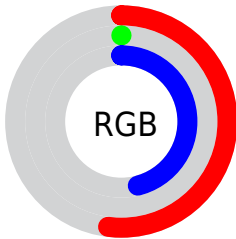
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 0, 117
Decimal	8716405
CIE <sub>Lab</sub>	30.09, 58.20, -28.99
CIE <sub>LCh</sub>	30, 65.021, 333.519
Yxy	6.2709, 0.3528, 0.1717
Android (android.graphics.Color)	4286906485 (0xFF850075)
YUV	53.1050, 31.5002, 70.0679
Hunter-Lab	25.0418, 48.0135, -23.5754

# Details

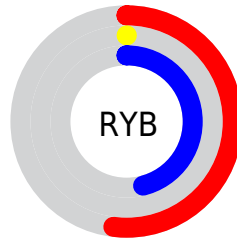
The Hex color **850075** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **008510**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **BE49AA**, and **4F0044** is the 20% darker color. If you saturate the color by 10%, you get **850075**, and if you desaturate by 10%, it is **850D77**.

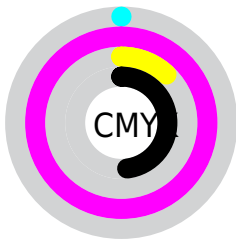
# Distribution



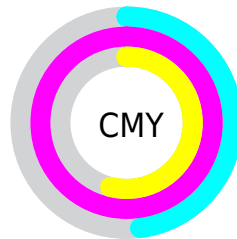
- Red (52%)
- Green (0%)
- Blue (46%)



- Red (52%)
- Yellow (0%)
- Blue (46%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (48%)



- Cyan (48%)
- Magenta (100%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 850075 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 850075 by changing the saturation by 10% instead.



 850075

 850075

FFFFFF

 6A005C

 BE49AA

 4F0044

 DB64C5

 37002E

 F880E1

 160018

 FF9CFE

 000000

 FFB8FF

 FFD5FF

 FFF2FF

 850075

 850D77

 851B78

 85287A

 85357B

 85437D

 85507F

 855D80

 856A82

 857883

# Harmonies

## Analogous

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



45359D



850075



9B0043

# Triad

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



850075



524700



005B7E

# Complementary

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



850075



008510

# 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.



005A4C



850075



195300

# Square

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



850075



7A3100



005814



0057A3

# Rectangle

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



850075



990023



005814



005B6E



# Sweetspot

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



850075



AD79A7



100085



573753



D6D6D6



575757



# Same Dimension

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



850075



AD0099



850033



423C42



820072



030002



# Inverse Universe

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



850075



AD0099



008552



423C42



820072



030002



# Previews

## White Background



This preview shows how the Hex color 850075 looks on a white background.

## Color Contrast Check

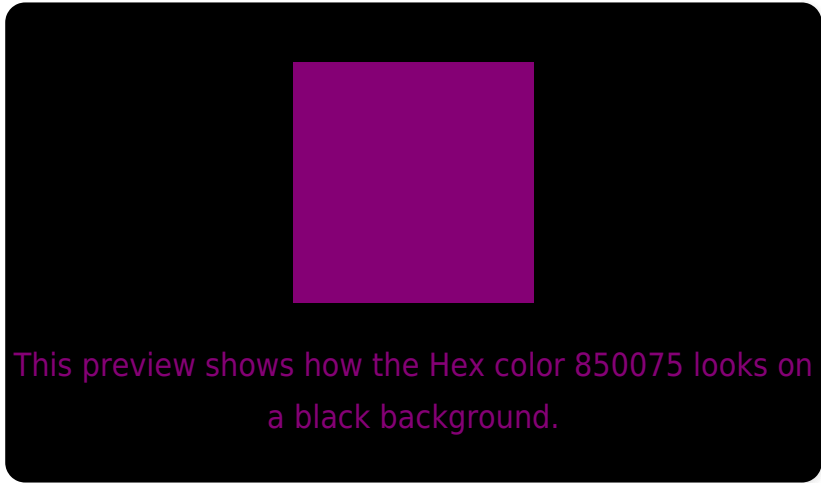
Large Text (above 18pt) WCAG AA ✓ Pass

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

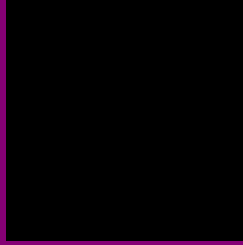
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 850075 Background



This preview shows how black text looks on a background with the Hex color 850075.

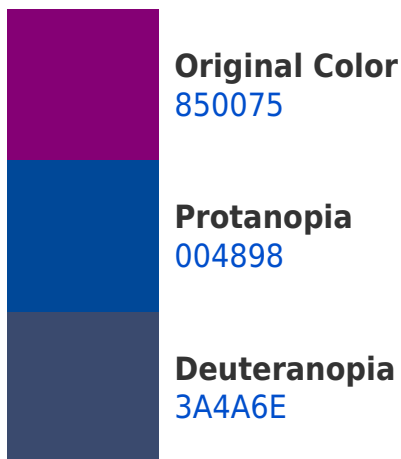


This preview shows how white text looks on a background with the Hex color 850075.

# 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**  
7F2E31

# Trichromacy



**Original Color**  
850075

**Protanomaly**  
302E8B

**Deuteranomaly**  
552F71

**Tritanomaly**  
811D4A

# Monochromacy



**Original Color**  
850075

**Achromatopsia**  
353535

**Achromatomaly**  
52224C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 850075 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 #850075 looks like.

```
.text, #text, p{  
    color:#850075  
}
```

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 #850075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #850075  
}
```

## Border

The CSS property to change the border of an element to Hex 850075 is called "border". The border property can be set on classes, ids or directly on the HTML element.

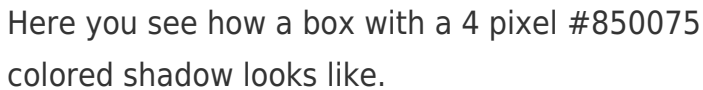
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#850075 }
```

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

```
.border{ border-color:#850075 }
```

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



Here you see how a box with a 4 pixel #850075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #850075; -webkit-box-shadow:4px 4px  
4px 4px #850075; box-shadow:4px 4px 4px  
4px #850075 }
```

# Background

The CSS property to change the background color of an element to Hex 850075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#850075 }
```

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

```
.background{ background-color:#850075 }
```

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