

# Converting Colors

Hex(8A0087)

Have a look what the booklet for  
Hex(8A0087) contains.

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**Color**

**Hex(8A0087)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A0087
RGB	138, 0, 135
RGB Percent	54%, 0%, 53%
CMY	0.4588, 1.0000, 0.4706
CMYK	0.00, 1.00, 0.02, 0.46
HSL	301°, 100%, 27%
HSV	301°, 100%, 54%
XYZ	14.8544, 7.1525, 23.5193
YIQ	56.6520, 38.9130, 71.2410

# Conversions

## Conversions Part 2

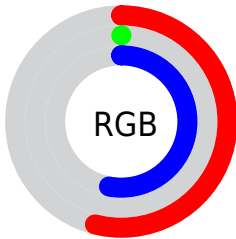
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 0, 135
Decimal	9044103
CIELab	32.15, 61.77, -36.98
CIElCh	32, 71.997, 329.093
Yxy	7.1525, 0.3263, 0.1571
Android (android.graphics.Color)	4287234183 (0xFF8A0087)
YUV	56.6520, 38.6256, 71.3422
Hunter-Lab	26.7442, 52.3409, -33.4197

# Details

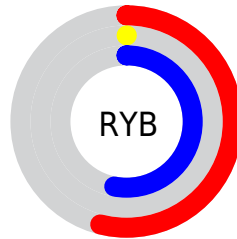
The Hex color **8A0087** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **008A03**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **C34BBD**, and **530054** is the 20% darker color. If you saturate the color by 10%, you get **8A0087**, and if you desaturate by 10%, it is **8A0E87**.

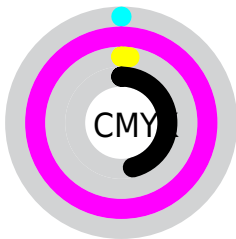
# Distribution



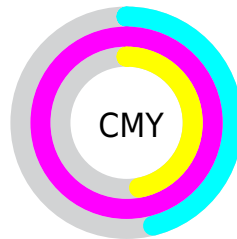
- Red (54%)
- Green (0%)
- Blue (53%)



- Red (54%)
- Yellow (0%)
- Blue (53%)



- Cyan (0%)
- Magenta (100%)
- Yellow (2%)
- Black (46%)



- Cyan (46%)
- Magenta (100%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A0087 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 8A0087 by changing the saturation by 10% instead.



 8A0087

 8A0087

FFFFFF

 6E006D

 C34BBD

 530054

 E067D9

 3A003D

 FE83F6

 1E0026

 FF9FFF

 00010F

 FFBBFF

 000000

 FFD8FF

 FFF6FF

 8A0087

 8A0E87

 8A1C88

 8A2988

 8A3788

 8A4589

 8A5389

 8A6189

 8A6E89

 8A7C8A

# Harmonies

## Analogous

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



313DB1



8A0087



A70050

# Triad

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



8A0087



5F4900



006282

# Complementary

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



8A0087



008A03

# 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.



006148



8A0087



235700

# Square

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



8A0087



892D00



005E03



005FAE

# Rectangle

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



8A0087



A8002B



005E03



006270



# Sweetspot

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



8A0087



B37DB1



02008A



593959



D9D9D9



595959



# Same Dimension

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



8A0087



B300AF



8A0043



453E45



850082



050005



# Inverse Universe

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



8A0087



B300AF



008A47



453E45



850082



050005



# Previews

## White Background



This preview shows how the Hex color 8A0087 looks on a white background.

## Color Contrast Check

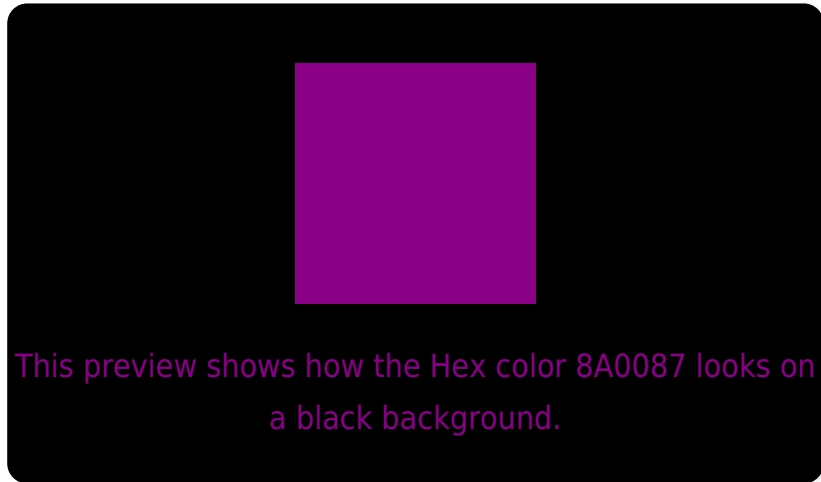
Large Text (above 18pt) WCAG AA ✓ Pass

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

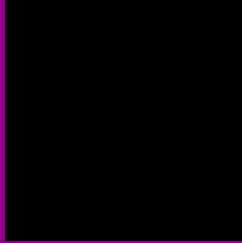
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8A0087 Background



This preview shows how black text looks on a background with the Hex color 8A0087.



This preview shows how white text looks on a background with the Hex color 8A0087.

# 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



**Original Color**  
8A0087

**Protanopia**  
004CA1

**Deuteranopia**  
324F7F



**Tritanopia**  
823538

# Trichromacy



**Original Color**  
8A0087



**Protanomaly**  
323098



**Deuteranomaly**  
523282



**Tritanomaly**  
852255

# Monochromacy



**Original Color**  
8A0087



**Achromatopsia**  
393939



**Achromatomaly**  
562455

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A0087 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 #8A0087 looks like.

```
.text, #text, p{  
    color:#8A0087  
}
```

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 #8A0087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A0087
}
```

## Border

The CSS property to change the border of an element to Hex 8A0087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

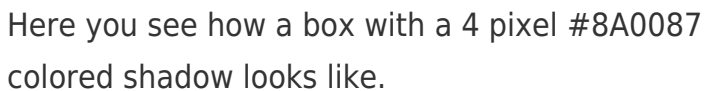
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A0087 }
```

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

```
.border{ border-color:#8A0087 }
```

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



Here you see how a box with a 4 pixel #8A0087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A0087; -webkit-box-shadow:4px 4px  
4px 4px #8A0087; box-shadow:4px 4px 4px  
4px #8A0087 }
```

# Background

The CSS property to change the background color of an element to Hex 8A0087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A0087 }
```

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

```
.background{ background-color:#8A0087 }
```

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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