

# Converting Colors

Hex(8A0054)

Have a look what the booklet for  
Hex(8A0054) contains.

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**Color**

**Hex(8A0054)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A0054
RGB	138, 0, 84
RGB Percent	54%, 0%, 33%
CMY	0.4588, 1.0000, 0.6706
CMYK	0.00, 1.00, 0.39, 0.46
HSL	323°, 100%, 27%
HSV	323°, 100%, 54%
XYZ	12.0815, 6.0434, 8.9172
YIQ	50.8380, 55.2840, 55.3800

# Conversions

## Conversions Part 2

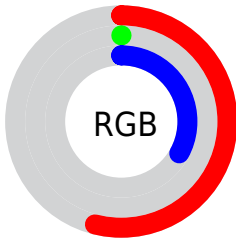
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 0, 84
Decimal	9044052
CIELab	29.52, 55.19, -8.37
CIELCh	30, 55.816, 351.378
Yxy	6.0434, 0.4468, 0.2235
Android (android.graphics.Color)	4287234132 (0xFF8A0054)
YUV	50.8380, 16.3489, 76.4411
Hunter-Lab	24.5833, 44.7033, -4.2983

# Details

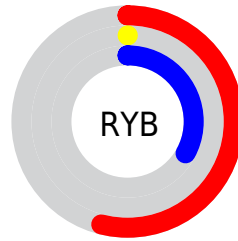
The Hex color **8A0054** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **008A36**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **C44886**, and **520027** is the 20% darker color. If you saturate the color by 10%, you get **8A0054**, and if you desaturate by 10%, it is **8A0E59**.

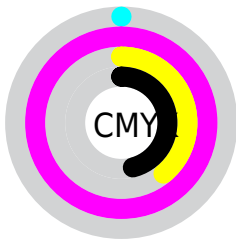
# Distribution



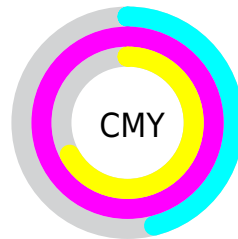
- Red (54%)
- Green (0%)
- Blue (33%)



- Red (54%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (39%)
- Black (46%)



- Cyan (46%)
- Magenta (100%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A0054 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 8A0054 by changing the saturation by 10% instead.



 8A0054

 8A0054

FFFFFF

 6E003D

 C44886

 520027

 E164A0

 3A0013

 FF7FBB

 160000

 FF9BD6

 000000

 FFB7F3

 FFD4FF

 FFF1FF

 8A0054

 8A0E59

 8A1C5F

 8A2964

 8A376A

 8A456F

 8A5374

 8A617A

 8A6E7F

 8A7C85

# Harmonies

## Analogous

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



6B277C



8A0054



8E0629

# Triad

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



8A0054



394D00



005689

# Complementary

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



8A0054



008A36

# 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.



005864



8A0054



005404

# Square

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



8A0054



603F00



005737



004F9C

# Rectangle

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



8A0054



85200C



005737



00577E



# Sweetspot

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



8A0054



B37D9E



35008A



59394D



D9D9D9



595959



# Same Dimension

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



8A0054



B3006D



8A0010



453E42



850051



050003



# Inverse Universe

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



8A0054



B3006D



008A7A



453E42



850051



050003



# Previews

## White Background



This preview shows how the Hex color 8A0054 looks on a white background.

## Color Contrast Check

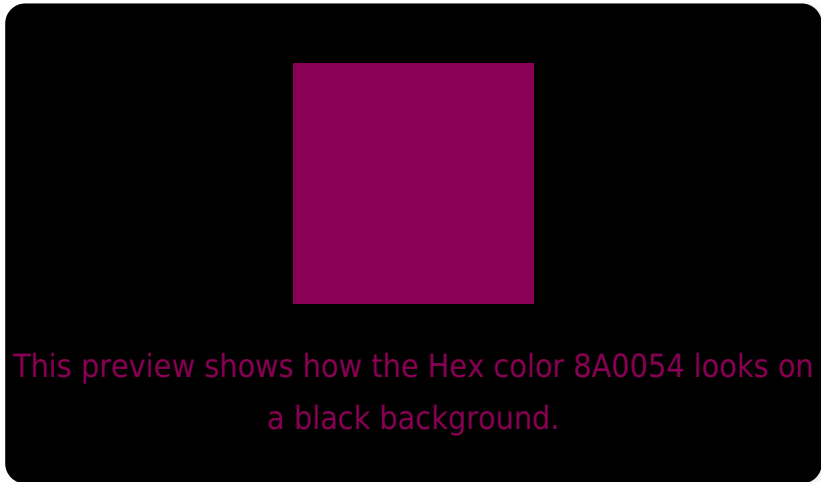
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A0054 Background



This preview shows how black text looks on a background with the Hex color 8A0054.



This preview shows how white text looks on a background with the Hex color 8A0054.

# 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**  
8A0054

**Protanopia**  
354778

**Deuteranopia**  
4E474E



**Tritanopia**  
872122

# Trichromacy



**Original Color**  
8A0054

**Protanomaly**  
542D6B

**Deuteranomaly**  
642D50

**Tritanomaly**  
881534

# Monochromacy



**Original Color**  
8A0054

**Achromatopsia**  
333333

**Achromatomaly**  
53203F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A0054 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 #8A0054 looks like.

```
.text, #text, p{  
    color:#8A0054  
}
```

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 #8A0054 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A0054
}
```

## Border

The CSS property to change the border of an element to Hex 8A0054 is called "border". The border property can be set on classes, ids or directly on the HTML element.

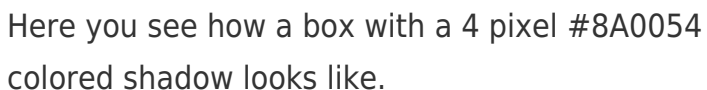
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A0054 }
```

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

```
.border{ border-color:#8A0054 }
```

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



Here you see how a box with a 4 pixel #8A0054 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A0054; -webkit-box-shadow:4px 4px  
4px 4px #8A0054; box-shadow:4px 4px 4px  
4px #8A0054 }
```

# Background

The CSS property to change the background color of an element to Hex 8A0054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A0054 }
```

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

```
.background{ background-color:#8A0054 }
```

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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