

# Converting Colors

Hex(8A046D)

Have a look what the booklet for  
Hex(8A046D) contains.

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**Color**

**Hex(8A046D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A046D
RGB	138, 4, 109
RGB Percent	54%, 2%, 43%
CMY	0.4588, 0.9843, 0.5725
CMYK	0.00, 0.97, 0.21, 0.46
HSL	313°, 94%, 28%
HSV	313°, 97%, 54%
XYZ	13.2850, 6.5942, 15.0406
YIQ	56.0360, 46.1590, 61.0630

# Conversions

## Conversions Part 2

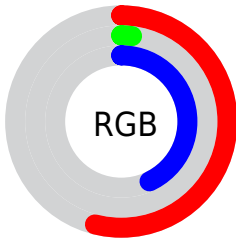
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 4, 109
Decimal	9045101
CIELab	30.86, 57.48, -22.59
CIElCh	31, 61.759, 338.549
Yxy	6.5942, 0.3804, 0.1888
Android (android.graphics.Color)	4287235181 (0xFF8A046D)
YUV	56.0360, 26.1113, 71.8824
Hunter-Lab	25.6792, 47.4070, -16.7513

# Details

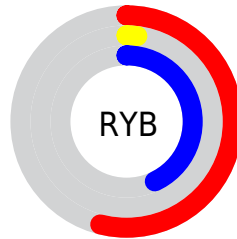
The Hex color **8A046D** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **048A21**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **C34BA1**, and **53003D** is the 20% darker color. If you saturate the color by 10%, you get **8A006C**, and if you desaturate by 10%, it is **8A1270**.

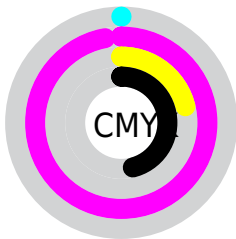
# Distribution



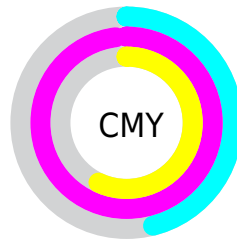
- Red (54%)
- Green (2%)
- Blue (43%)



- Red (54%)
- Yellow (2%)
- Blue (43%)



- Cyan (0%)
- Magenta (97%)
- Yellow (21%)
- Black (46%)



- Cyan (46%)
- Magenta (98%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A046D 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 8A046D by changing the saturation by 10% instead.



 8A046D

 8A046D

FFFFFF

 6E0054

 C34BA1

 53003D

 E066BC

 3B0027

 FE82D8

 1C0010

 FF9EF4

 000000

 FFBAFF

 FFD7FF

 FFF4FF

 8A046D

 8A046D

■ 8A006C

■ 8A1270

■ 8A2073

■ 8A2D76

■ 8A3B79

■ 8A497C

■ 8A577F

■ 8A6582

■ 8A7285

■ 8A8088

# Harmonies

## Analogous

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



573395



8A046D



9A003D

# Triad

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



8A046D



4E4B00



005C84

# Complementary

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



8A046D



048A21

# 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.



005C56



8A046D



0F5500

# Square

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



8A046D



753900



005A22



0057A4

# Rectangle

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



8A046D



96021E



005A22



005C76



# Sweetspot

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



8A046D



B37FA7



1F048A



593A52



D9D9D9



595959



# Same Dimension

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



8A046D



B3008C



8A042C



453E43



850068



050004



# Inverse Universe

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



8A046D



B3008C



048A62



453E43



850068



050004



# Previews

## White Background



This preview shows how the Hex color 8A046D looks on a white background.

## Color Contrast Check

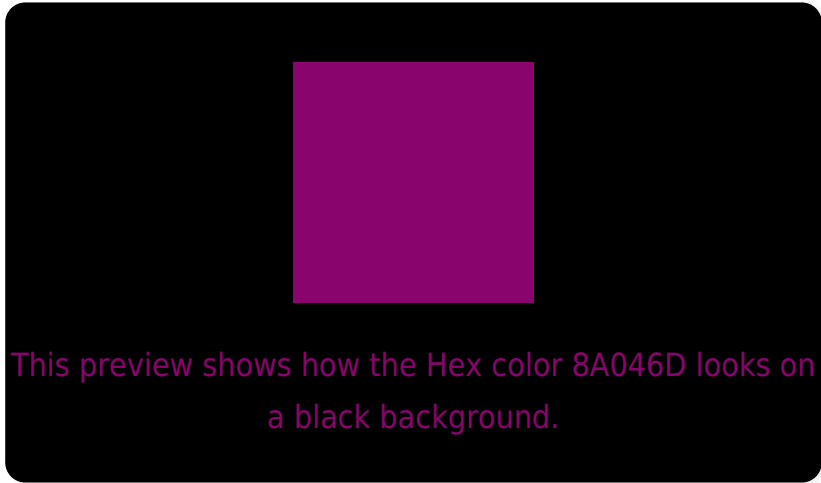
Large Text (above 18pt) WCAG AA ✓ Pass

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

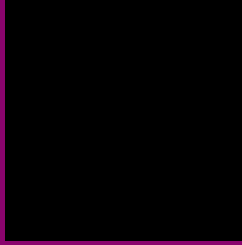
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8A046D Background



This preview shows how black text looks on a background with the Hex color 8A046D.

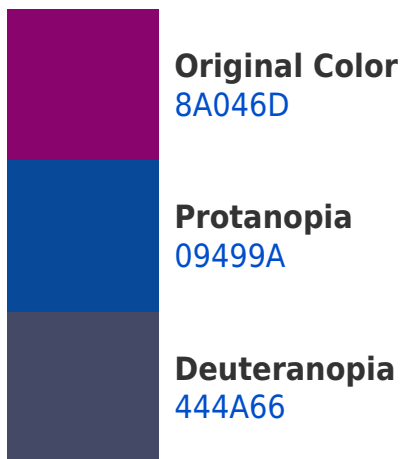


This preview shows how white text looks on a background with the Hex color 8A046D.

# 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**  
852B2D

# Trichromacy



**Original Color**  
8A046D



**Protanomaly**  
38308A



**Deuteranomaly**  
5D3169



**Tritanomaly**  
871D44

# Monochromacy



**Original Color**  
8A046D



**Achromatopsia**  
383838



**Achromatomaly**  
56254B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A046D 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 #8A046D looks like.

```
.text, #text, p{  
    color:#8A046D  
}
```

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 #8A046D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A046D
}
```

## Border

The CSS property to change the border of an element to Hex 8A046D is called "border". The border property can be set on classes, ids or directly on the HTML element.

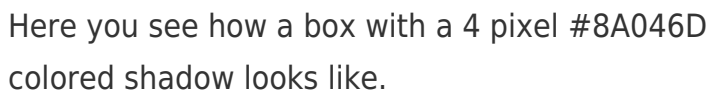
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A046D }
```

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

```
.border{ border-color:#8A046D }
```

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



Here you see how a box with a 4 pixel #8A046D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A046D; -webkit-box-shadow:4px 4px  
4px 4px #8A046D; box-shadow:4px 4px 4px  
4px #8A046D }
```

# Background

The CSS property to change the background color of an element to Hex 8A046D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A046D }
```

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

```
.background{ background-color:#8A046D }
```

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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