

# Converting Colors

Hex(81026A)

Have a look what the booklet for  
Hex(81026A) contains.

<b>Hex(81026A)</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(81026A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	81026A
RGB	129, 2, 106
RGB Percent	51%, 1%, 42%
CMY	0.4941, 0.9922, 0.5843
CMYK	0.00, 0.98, 0.18, 0.49
HSL	311°, 97%, 26%
HSV	311°, 98%, 51%
XYZ	11.6765, 5.7512, 14.1303
YIQ	51.8290, 42.3080, 59.2680

# Conversions

## Conversions Part 2

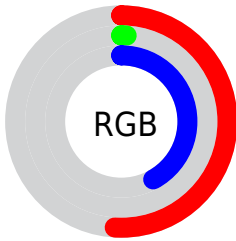
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 2, 106
Decimal	8454762
CIE <sub>Lab</sub>	28.78, 55.56, -24.06
CIE <sub>LCh</sub>	29, 60.544, 336.587
Yxy	5.7512, 0.3700, 0.1822
Android (android.graphics.Color)	4286644842 (0xFF81026A)
<b>YUV</b>	51.8290, 26.7063, 67.6790
Hunter-Lab	23.9816, 44.9429, -18.1476

# Details

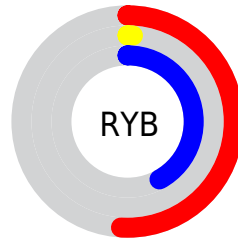
The Hex color **81026A** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **028119**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **B9489E**, and **4B003A** is the 20% darker color. If you saturate the color by 10%, you get **81006A**, and if you desaturate by 10%, it is **810F6C**.

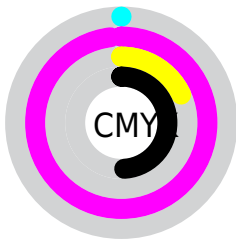
# Distribution



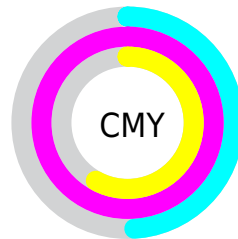
- Red (51%)
- Green (1%)
- Blue (42%)



- Red (51%)
- Yellow (1%)
- Blue (42%)



- Cyan (0%)
- Magenta (98%)
- Yellow (18%)
- Black (49%)



- Cyan (49%)
- Magenta (99%)
- Yellow (58%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81026A 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 81026A by changing the saturation by 10% instead.



81026A

81026A

FFFFFF

660052

B9489E

4B003A

D663B9

330025

F47FD4

0D000C

FF9AF1

000000

FFB6FF

FFD3FF

FFF0FF

81026A

81026A

■ 81006A

■ 810F6C

■ 811C6F

■ 812971

■ 813673

■ 814276

■ 814F78

■ 815C7A

■ 81697D

■ 81767F

# Harmonies

## Analogous

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



4C3190



81026A



92003C

# Triad

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



81026A



4B4600



00567B

# Complementary

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



81026A



028119

# 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.



00564D



81026A



135000

# Square

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



81026A



713300



00541B



00539B

# Rectangle

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



81026A



8F001E



00541B



00576D



# Sweetspot

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



81026A



A8769F



170281



54364F



D4D4D4



545454



# Same Dimension

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



81026A



A8008A



81022C



40393F



800068



000000



# Inverse Universe

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



81026A



A8008A



028157



40393F



800068



000000



# Previews

## White Background



This preview shows how the Hex color 81026A looks on a white background.

## Color Contrast Check

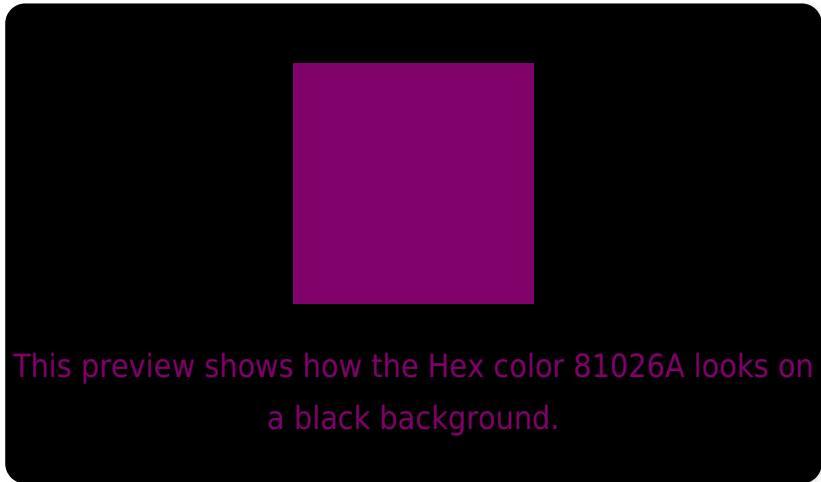
Large Text (above 18pt) WCAG AA ✓ Pass

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

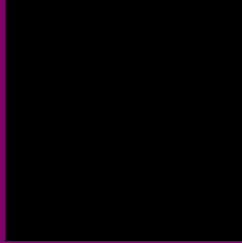
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 81026A Background



This preview shows how black text looks on a background with the Hex color 81026A.



This preview shows how white text looks on a background with the Hex color 81026A.

# 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





# Trichromacy



**Original Color**  
81026A



**Protanomaly**  
2F2C83



**Deuteranomaly**  
562D66



**Tritanomaly**  
7E1B43

# Monochromacy



**Original Color**  
81026A



**Achromatopsia**  
343434



**Achromatomaly**  
502248

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81026A 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 #81026A looks like.

```
.text, #text, p{  
    color:#81026A  
}
```

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 #81026A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81026A
}
```

## Border

The CSS property to change the border of an element to Hex 81026A is called "border". The border property can be set on classes, ids or directly on the HTML element.

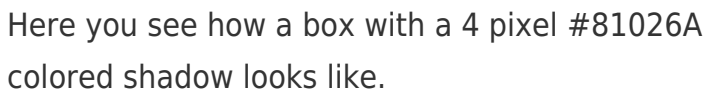
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81026A }
```

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

```
.border{ border-color:#81026A }
```

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



Here you see how a box with a 4 pixel #81026A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81026A; -webkit-box-shadow:4px 4px  
4px 4px #81026A; box-shadow:4px 4px 4px  
4px #81026A }
```

# Background

The CSS property to change the background color of an element to Hex 81026A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81026A }
```

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

```
.background{ background-color:#81026A }
```

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