

# Converting Colors

Hex(82006E)

Have a look what the booklet for  
Hex(82006E) contains.

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**Color**

**Hex(82006E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	82006E
RGB	130, 0, 110
RGB Percent	51%, 0%, 43%
CMY	0.4902, 1.0000, 0.5686
CMYK	0.00, 1.00, 0.15, 0.49
HSL	309°, 100%, 25%
HSV	309°, 100%, 51%
XYZ	12.0204, 5.8716, 15.2516
YIQ	51.4100, 42.1700, 61.7700

# Conversions

## Conversions Part 2

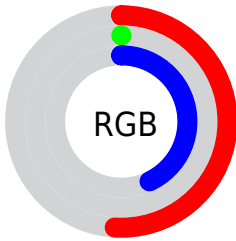
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 0, 110
Decimal	8519790
CIE <sub>Lab</sub>	29.09, 56.64, -26.13
CIE <sub>LCh</sub>	29, 62.376, 335.231
Yxy	5.8716, 0.3627, 0.1772
Android (android.graphics.Color)	4286709870 (0xFF82006E)
YUV	51.4100, 28.8849, 68.9234
Hunter-Lab	24.2314, 46.1429, -20.3561

# Details

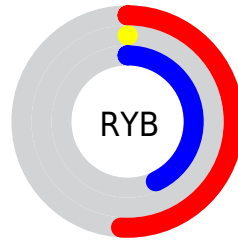
The Hex color **82006E** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **008214**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **BA47A2**, and **4C003E** is the 20% darker color. If you saturate the color by 10%, you get **82006E**, and if you desaturate by 10%, it is **820D70**.

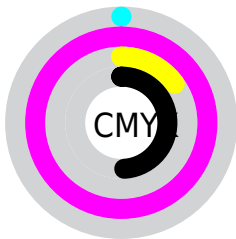
# Distribution



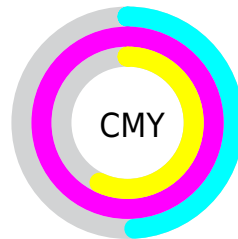
- Red (51%)
- Green (0%)
- Blue (43%)



- Red (51%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82006E 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 82006E by changing the saturation by 10% instead.



 82006E

 82006E

FFFFFF

 670055

 BA47A2

 4C003E

 D763BD

 340028

 F57ED9

 100011

 FF9AF6

 000000

 FFB6FF

 FFD3FF

 FFF0FF

 82006E

■ 820D70

■ 821A72

■ 822774

■ 823476

■ 824178

■ 824E7A

■ 825B7C

■ 82687E

■ 827580

# Harmonies

## Analogous

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



493295



82006E



95003F

# Triad

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



82006E



4D4600



00587C

# Complementary

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



82006E



008214

# 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.



00574C



82006E



155000

# Square

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



82006E



743100



005518



00549D

# Rectangle

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



82006E



92001F



005518



00586D



# Sweetspot

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



82006E



A876A1



140082



54364F



D4D4D4



545454



# Same Dimension

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



82006E



A8008E



82002D



40393F



80006C



000000



# Inverse Universe

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



82006E



A8008E



008254



40393F



80006C



000000



# Previews

## White Background



This preview shows how the Hex color 82006E looks on a white background.

## Color Contrast Check

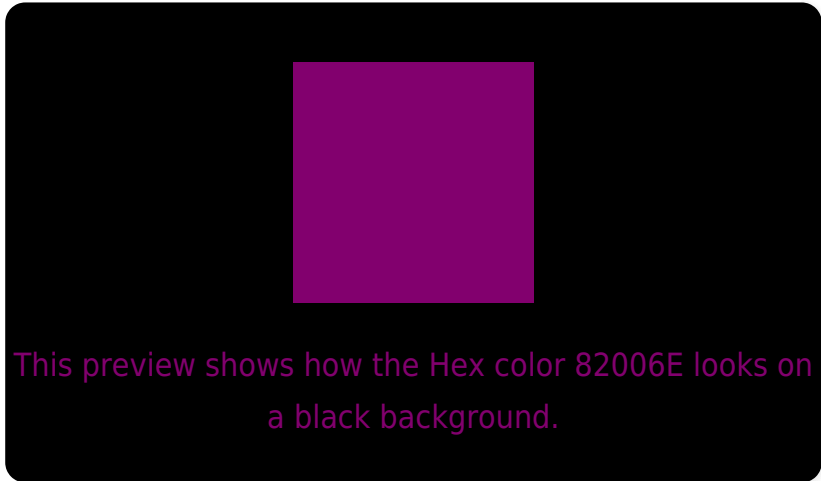
Large Text (above 18pt) WCAG AA ✓ Pass

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

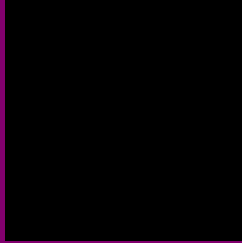
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 82006E Background



This preview shows how black text looks on a background with the Hex color 82006E.



This preview shows how white text looks on a background with the Hex color 82006E.

# 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**  
82006E

**Deuteranomaly**  
552D6A

**Tritanomaly**  
7E1B45

# Monochromacy



**Original Color**  
82006E

**Achromatopsia**  
333333

**Achromatomaly**  
502048

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82006E 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 #82006E looks like.

```
.text, #text, p{  
    color:#82006E  
}
```

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 #82006E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82006E
}
```

## Border

The CSS property to change the border of an element to Hex 82006E is called "border". The border property can be set on classes, ids or directly on the HTML element.

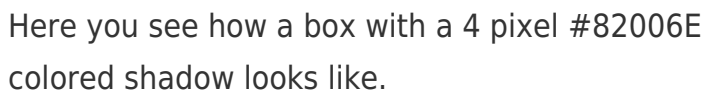
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82006E }
```

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

```
.border{ border-color:#82006E }
```

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



Here you see how a box with a 4 pixel #82006E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82006E; -webkit-box-shadow:4px 4px  
4px 4px #82006E; box-shadow:4px 4px 4px  
4px #82006E }
```

# Background

The CSS property to change the background color of an element to Hex 82006E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82006E }
```

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

```
.background{ background-color:#82006E }
```

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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