

Converting Colors

Hex(82306B)

Have a look what the booklet for
Hex(82306B) contains.

Hex(82306B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(82306B)

Conversions

Conversions Part 1

Format	Color
Hex	82306B
RGB	130, 48, 107
RGB Percent	51%, 19%, 42%
CMY	0.4902, 0.8118, 0.5804
CMYK	0.00, 0.63, 0.18, 0.49
HSL	317°, 46%, 35%
HSV	317°, 63%, 51%
XYZ	12.9167, 7.9213, 14.7581
YIQ	79.2440, 29.9330, 35.7330

Conversions

Conversions Part 2

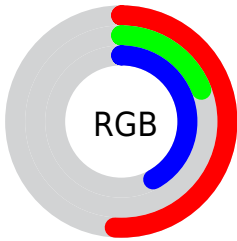
Format	Color
R_{YB}	130, 48, 107
Decimal	8532075
CIE _{Lab}	33.82, 42.33, -16.84
CIE _{LCh}	34, 45.557, 338.304
Yxy	7.9213, 0.3629, 0.2225
Android (android.graphics.Color)	4286722155 (0xFF82306B)
YUV	79.2440, 13.6837, 44.5130
Hunter-Lab	28.1447, 32.6673, -11.3882

Details

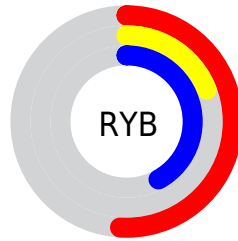
The Hex color **82306B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **308247**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **B9639F**, and **4E003B** is the 20% darker color. If you saturate the color by 10%, you get **822367**, and if you desaturate by 10%, it is **823D6F**.

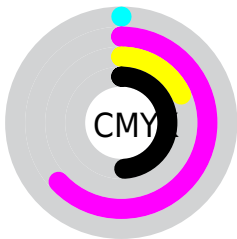
Distribution



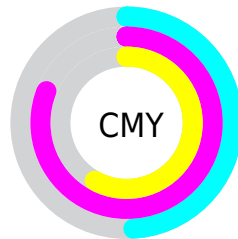
- Red (51%)
- Green (19%)
- Blue (42%)



- Red (51%)
- Yellow (19%)
- Blue (42%)



- Cyan (0%)
- Magenta (63%)
- Yellow (18%)
- Black (49%)



- Cyan (49%)
- Magenta (81%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82306B 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 82306B by changing the saturation by 10% instead.

 82306B

 82306B

FFFFFF

 671453

 B9639F

 4E003B

 D67EBA

 350026

 F398D5

 1A000F

 FFB4F2

 000000

 FFD0FF

 FFEDFF

 82306B

 82306B

 822367

 823D6F

821664

824A72

820960

825776

82005E

82647A

82717D

827E81

828B85

829888

82A58C

Harmonies

Analogous

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



5D4189



82306B



8F2947

Triad

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



82306B



575100



005F7C

Complementary

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



82306B



308247

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.



006059



82306B



305A0F

Square

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



82306B



754403



005E33



005A93

Rectangle

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



82306B



8D2F30



005E33



006071

Sweetspot

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



82306B



A8889F



463082



54414F



D4D4D4



545454

Same Dimension

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



82306B



A82884



823043



40393E



80005C



000000

Inverse Universe

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



82306B



A82884



30826F



40393E



80005C



000000

Previews

White Background



This preview shows how the Hex color 82306B looks on a white background.

Color Contrast Check

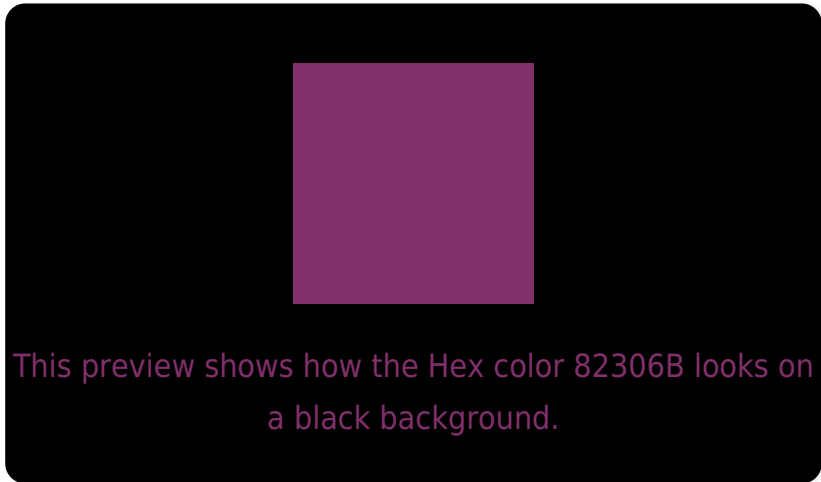
Large Text (above 18pt) WCAG AA ✓ Pass

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

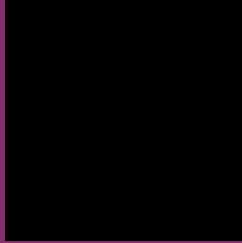
Any Text WCAG AA × Fail

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 82306B Background



This preview shows how black text looks on a background with the Hex color 82306B.



This preview shows how white text looks on a background with the Hex color 82306B.

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
7E3B3F

Trichromacy



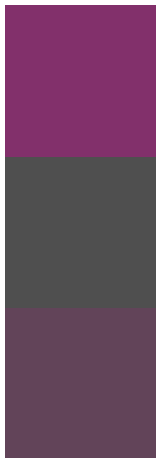
Original Color
82306B

Protanomaly
55447A

Deuteranomaly
604468

Tritanomaly
7F374F

Monochromacy



Original Color
82306B

Achromatopsia
4F4F4F

Achromatomaly
624459

CSS Examples

Text

The CSS property to change the color of the text to Hex 82306B 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 #82306B looks like.

```
.text, #text, p{  
    color:#82306B  
}
```

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 #82306B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82306B
}
```

Border

The CSS property to change the border of an element to Hex 82306B is called "border". The border property can be set on classes, ids or directly on the HTML element.

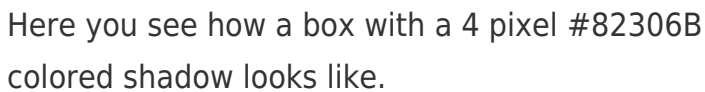
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82306B }
```

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

```
.border{ border-color:#82306B }
```

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



Here you see how a box with a 4 pixel #82306B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82306B; -webkit-box-shadow:4px 4px  
4px 4px #82306B; box-shadow:4px 4px 4px  
4px #82306B }
```

Background

The CSS property to change the background color of an element to Hex 82306B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82306B }
```

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

```
.background{ background-color:#82306B }
```

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