

# Converting Colors

Hex(82004C)

Have a look what the booklet for  
Hex(82004C) contains.

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**Color**

**Hex(82004C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82004C
RGB	130, 0, 76
RGB Percent	51%, 0%, 30%
CMY	0.4902, 1.0000, 0.7020
CMYK	0.00, 1.00, 0.42, 0.49
HSL	325°, 100%, 25%
HSV	325°, 100%, 51%
XYZ	10.5104, 5.2676, 7.3003
YIQ	47.5340, 53.0840, 51.1960

# Conversions

## Conversions Part 2

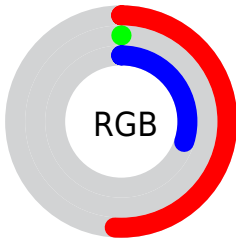
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 0, 76
Decimal	8519756
CIELab	27.48, 52.56, -6.28
CIELCh	27, 52.935, 353.189
Yxy	5.2676, 0.4554, 0.2283
Android (android.graphics.Color)	4286709836 (0xFF82004C)
YUV	47.5340, 14.0337, 72.3227
Hunter-Lab	22.9513, 41.5783, -2.7928

# Details

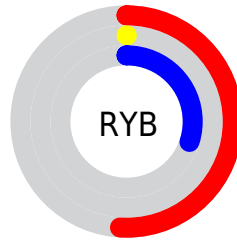
The Hex color **82004C** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **008236**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **BB467D**, and **4B0020** is the 20% darker color. If you saturate the color by 10%, you get **82004C**, and if you desaturate by 10%, it is **820D51**.

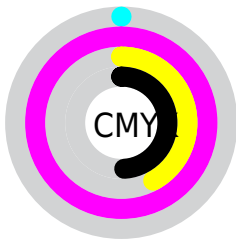
# Distribution



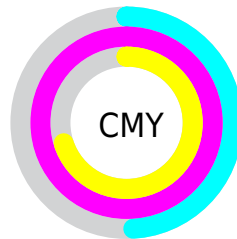
- Red (51%)
- Green (0%)
- Blue (30%)



- Red (51%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82004C 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 82004C by changing the saturation by 10% instead.



 82004C

 82004C

FFFFFF

 660035

 BB467D

 4B0020

 D96197

 330007

 F67CB1

 000000

 FF98CD

 FFB4E9

 FFD0FF

 FFEDFF

 82004C

■ 820D51

■ 821A57

■ 82275C

■ 823462

■ 824167

■ 824E6C

■ 825B72

■ 826877

■ 82757D

# Harmonies

## Analogous

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



672272



82004C



840924

# Triad

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



82004C



334800



005082

# Complementary

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



82004C



008236

# 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.



005260



82004C



004E07

# Square

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



82004C



583C00



005136



004993

# Rectangle

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



82004C



7B1F08



005136



005178



# Sweetspot

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



82004C



A87693



340082



543648



D4D4D4



545454



# Same Dimension

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



82004C



A80062



82000D



40393D



80004B



000000



# Inverse Universe

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



82004C



A80062



008275



40393D



80004B



000000



# Previews

## White Background



This preview shows how the Hex color 82004C looks on a white background.

## Color Contrast Check

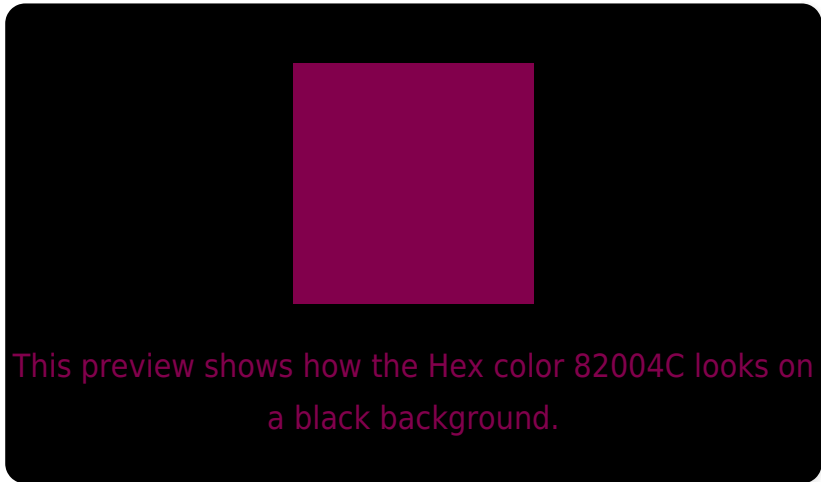
Large Text (above 18pt) WCAG AA ✓ Pass

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

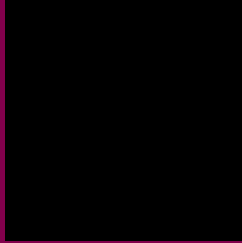
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 82004C Background



This preview shows how black text looks on a background with the Hex color 82004C.

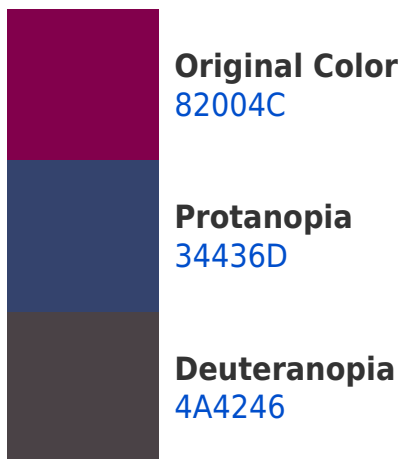


This preview shows how white text looks on a background with the Hex color 82004C.

# 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**  
82004C

**Protanomaly**  
502B61

**Deuteranomaly**  
5E2A48

**Tritanomaly**  
80132F

# Monochromacy



**Original Color**  
82004C

**Achromatopsia**  
303030

**Achromatomaly**  
4E1F3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82004C 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 #82004C looks like.

```
.text, #text, p{  
    color:#82004C  
}
```

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 #82004C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82004C
}
```

## Border

The CSS property to change the border of an element to Hex 82004C is called "border". The border property can be set on classes, ids or directly on the HTML element.

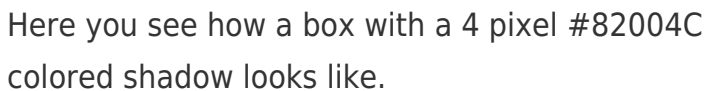
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82004C }
```

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

```
.border{ border-color:#82004C }
```

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



Here you see how a box with a 4 pixel #82004C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82004C; -webkit-box-shadow:4px 4px  
4px 4px #82004C; box-shadow:4px 4px 4px  
4px #82004C }
```

# Background

The CSS property to change the background color of an element to Hex 82004C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82004C }
```

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

```
.background{ background-color:#82004C }
```

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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