

# Converting Colors

Hex(82001C)

Have a look what the booklet for  
Hex(82001C) contains.

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**Color**

**Hex(82001C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	82001C
RGB	130, 0, 28
RGB Percent	51%, 0%, 11%
CMY	0.4902, 1.0000, 0.8902
CMYK	0.00, 1.00, 0.78, 0.49
HSL	347°, 100%, 25%
HSV	347°, 100%, 51%
XYZ	9.4155, 4.8297, 1.5346
YIQ	42.0620, 68.4920, 36.2680

# Conversions

## Conversions Part 2

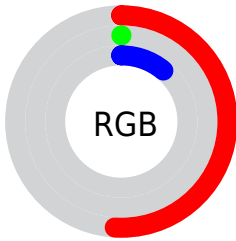
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 0, 28
Decimal	8519708
CIELab	26.24, 49.27, 24.52
CIELCh	26, 55.032, 26.464
Yxy	4.8297, 0.5967, 0.3061
Android (android.graphics.Color)	4286709788 (0xFF82001C)
YUV	42.0620, -6.9326, 77.1216
Hunter-Lab	21.9765, 38.0169, 11.2435

# Details

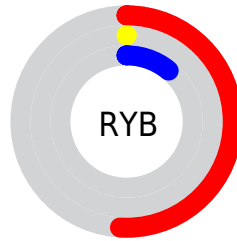
The Hex color **82001C** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **008266**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **BE4447**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **82001C**, and if you desaturate by 10%, it is **820D26**.

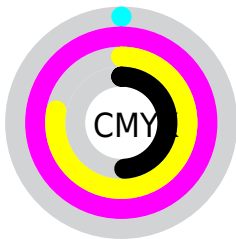
# Distribution



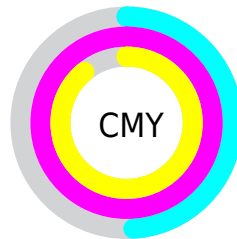
- Red (51%)
- Green (0%)
- Blue (11%)



- Red (51%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (78%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82001C 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 82001C by changing the saturation by 10% instead.



 82001C

 82001C

FFFFFF

 650003

 BE4447

 480000

 DC5E5F

 2D0001

 FB7978

 000000

 FF9592

 FFB1AC

 FFCDC7

 FFEAE3

 82001C

 820D26

 821A30

 82273B

 823445

 82414F

 824E59

 825B63

 82686E

 827578

# Harmonies

## Analogous

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



820045



82001C



702700

# Triad

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



82001C



004C07



004593

# Complementary

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



82001C



008266

# 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.



004D84



82001C



004F38

# Square

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



82001C



294600



004F63



26358A

# Rectangle

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



82001C



5D3500



004F63



004991



# Sweetspot

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



82001C



A87681



660082



54363C



D4D4D4



545454



# Same Dimension

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



82001C



A80024



822500



40393B



80001B



000000



# Inverse Universe

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



82001C



A80024



005D82



40393B



80001B



000000



# Previews

## White Background



This preview shows how the Hex color 82001C looks on a white background.

## Color Contrast Check

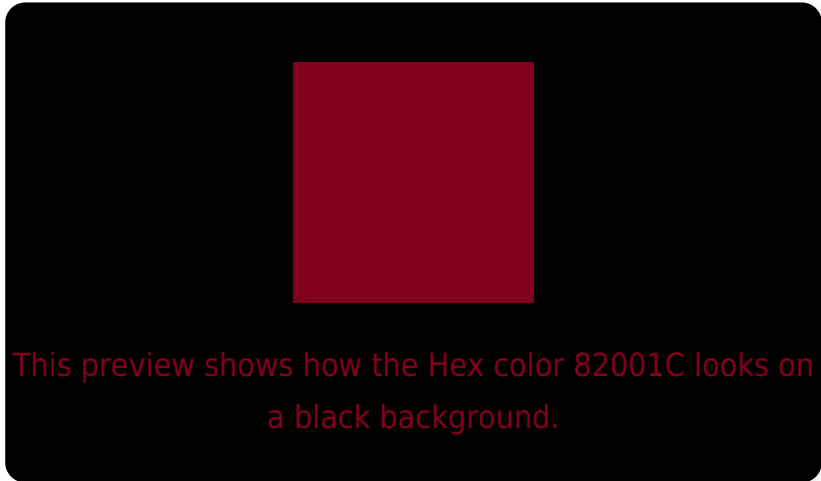
Large Text (above 18pt) WCAG AA ✓ Pass

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 82001C Background



This preview shows how black text looks on a background with the Hex color 82001C.



This preview shows how white text looks on a background with the Hex color 82001C.

# 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



**Original Color**  
82001C

**Protanopia**  
48422B

**Deuteranopia**  
533F13



# Trichromacy



**Original Color**  
82001C

**Protanomaly**  
5D2A26

**Deuteranomaly**  
642816

**Tritanomaly**  
82080D

# Monochromacy



**Original Color**  
82001C

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
4A1B25

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82001C 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 #82001C looks like.

```
.text, #text, p{  
    color:#82001C  
}
```

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 #82001C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82001C
}
```

## Border

The CSS property to change the border of an element to Hex 82001C is called "border". The border property can be set on classes, ids or directly on the HTML element.

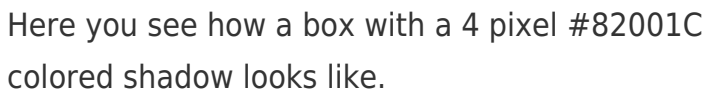
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82001C }
```

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

```
.border{ border-color:#82001C }
```

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



Here you see how a box with a 4 pixel #82001C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82001C; -webkit-box-shadow:4px 4px  
4px 4px #82001C; box-shadow:4px 4px 4px  
4px #82001C }
```

# Background

The CSS property to change the background color of an element to Hex 82001C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82001C }
```

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

```
.background{ background-color:#82001C }
```

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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