

# Converting Colors

Hex(50002C)

Have a look what the booklet for  
Hex(50002C) contains.

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**Color**

**Hex(50002C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50002C
RGB	80, 0, 44
RGB Percent	31%, 0%, 17%
CMY	0.6863, 1.0000, 0.8275
CMYK	0.00, 1.00, 0.45, 0.69
HSL	327°, 100%, 16%
HSV	327°, 100%, 31%
XYZ	3.7629, 1.8873, 2.5488
YIQ	28.9360, 33.5560, 30.6440

# Conversions

## Conversions Part 2

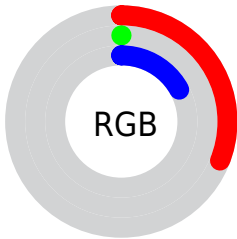
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 0, 44
Decimal	5242924
CIE <sub>Lab</sub>	14.88, 37.29, -3.96
CIE <sub>LCh</sub>	15, 37.498, 353.933
Yxy	1.8873, 0.4589, 0.2302
Android (android.graphics.Color)	4283433004 (0xFF50002C)
YUV	28.9360, 7.4266, 44.7831
Hunter-Lab	13.7380, 24.8504, -1.3836

# Details

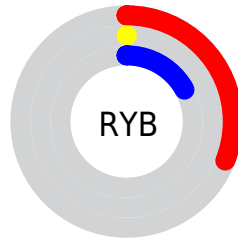
The Hex color **50002C** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **005024**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **853759**, and **1D0001** is the 20% darker color. If you saturate the color by 10%, you get **50002C**, and if you desaturate by 10%, it is **500830**.

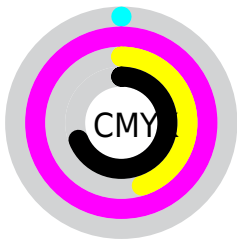
# Distribution



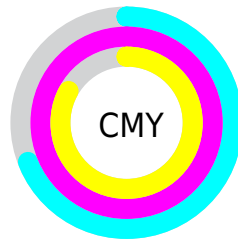
- Red (31%)
- Green (0%)
- Blue (17%)



- Red (31%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (45%)
- Black (69%)



- Cyan (69%)
- Magenta (100%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50002C 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 50002C by changing the saturation by 10% instead.



 50002C

 50002C

 FFF3FF

 370018

 853759

 1D0001

 A05072

 000000

 BC698B

 D984A6

 F69EC1

 FFBADD

 FFD6F9

 50002C

■ 500830

■ 501033

■ 501837

■ 50203A

■ 50283E

■ 503042

■ 503845

■ 504049

■ 50484C

# Harmonies

## Analogous

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



3F1145



50002C



510412

# Triad

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



50002C



1C2A00



002F50

# Complementary

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



50002C



005024

# 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.



00313A



50002C



002E00

# Square

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



50002C



342300



00301F



002B5B

# Rectangle

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



50002C



4C1000



00301F



00304A



# Sweetspot

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



50002C



69495A



240050



36222D



B5B5B5



363636



# Same Dimension

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



50002C



69003A



500004



292527



E80080

# Inverse Universe

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



50002C



69003A



00504C



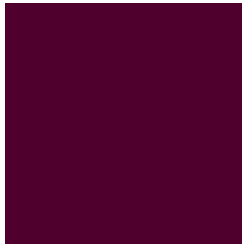
292527



E80080

# Previews

## White Background



This preview shows how the Hex color 50002C looks on a white background.

## Color Contrast Check

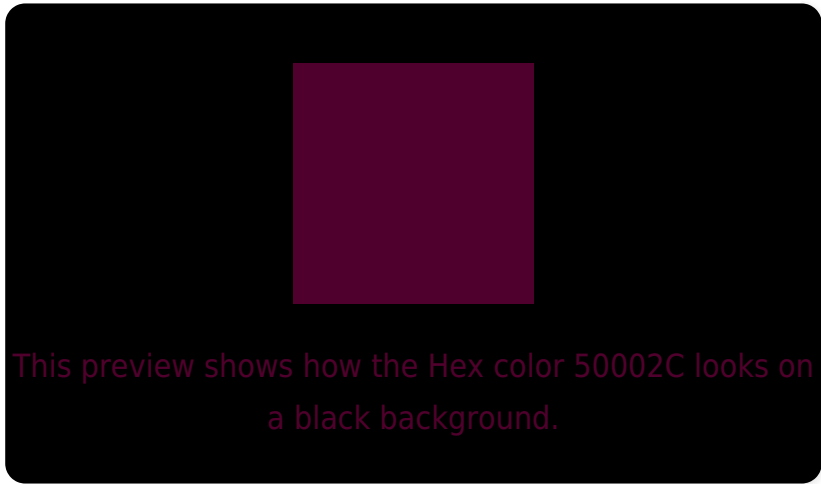
Large Text (above 18pt) WCAG AA ✓ Pass

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

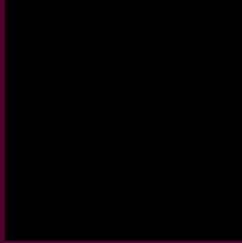
Any Text WCAG AA × Fail

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 50002C Background



This preview shows how black text looks on a background with the Hex color 50002C.



This preview shows how white text looks on a background with the Hex color 50002C.

# 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**  
50002C

**Protanopia**  
22293F

**Deuteranopia**  
2E2929





**Tritanopia**  
4F1112

# Trichromacy



**Original Color**  
50002C

**Protanomaly**  
331A38

**Deuteranomaly**  
3A1A2A

**Tritanomaly**  
4F0B1B

# Monochromacy



**Original Color**  
50002C

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
301222

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50002C 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 #50002C looks like.

```
.text, #text, p{  
    color:#50002C  
}
```

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 #50002C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50002C
}
```

## Border

The CSS property to change the border of an element to Hex 50002C 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".

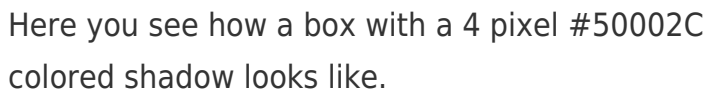
```
.border, #border, table{ border:4px solid
#50002C }
```

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

```
.border{ border-color:#50002C }
```

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

Here you see how a box with a 4 pixel #50002C colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50002C; -webkit-box-shadow:4px 4px  
4px 4px #50002C; box-shadow:4px 4px 4px  
4px #50002C }
```

# Background

The CSS property to change the background color of an element to Hex 50002C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50002C }
```

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

```
.background{ background-color:#50002C }
```

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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