

# Converting Colors

Hex(54002C)

Have a look what the booklet for  
Hex(54002C) contains.

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**Color**

**Hex(54002C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	54002C
RGB	84, 0, 44
RGB Percent	33%, 0%, 17%
CMY	0.6706, 1.0000, 0.8275
CMYK	0.00, 1.00, 0.48, 0.67
HSL	329°, 100%, 16%
HSV	329°, 100%, 33%
XYZ	4.1108, 2.0667, 2.5651
YIQ	30.1320, 35.9400, 31.4920

# Conversions

## Conversions Part 2

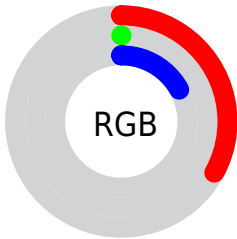
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 0, 44
Decimal	5505068
CIE Lab	15.83, 38.30, -2.45
CIE LCh	16, 38.374, 356.341
Yxy	2.0667, 0.4702, 0.2364
Android (android.graphics.Color)	4283695148 (0xFF54002C)
YUV	30.1320, 6.8369, 47.2422
Hunter-Lab	14.3759, 25.8841, -0.5161

# Details

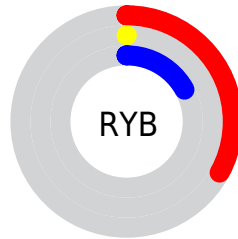
The Hex color **54002C** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **005428**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **893859**, and **220001** is the 20% darker color. If you saturate the color by 10%, you get **54002C**, and if you desaturate by 10%, it is **540830**.

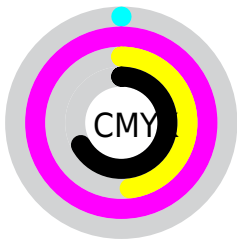
# Distribution



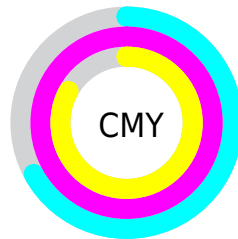
- Red (33%)
- Green (0%)
- Blue (17%)



- Red (33%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (67%)



- Cyan (67%)
- Magenta (100%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54002C 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 54002C by changing the saturation by 10% instead.



 54002C

 54002C

 FFF5FF

 3A0018

 893859

 220001

 A55172

 000000

 C16B8B

 DE85A6

 FCA0C1

 FFBCDD

 FFD8F9

 54002C

■ 540830

■ 541134

■ 541938

■ 54223C

■ 542A40

■ 543244

■ 543B48

■ 54434C

■ 544C50

# Harmonies

## Analogous

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



441146



54002C



540611

# Triad

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



54002C



1B2D00



003155

# Complementary

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



54002C



005428

# 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.



00333F



54002C



003102

# Square

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



54002C



352500



003223



002C5F

# Rectangle

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



54002C



4E1300



003223



00324F



# Sweetspot

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



54002C



6E4D5E



270054



38242E



B8B8B8



383838



# Same Dimension

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



54002C



6E0039



540003



292527



690037



E8007A



# Inverse Universe

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



54002C



6E0039



005451



292527



690037

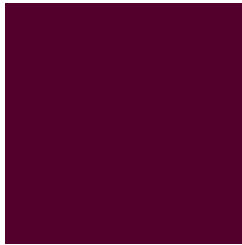


E8007A



# Previews

## White Background



This preview shows how the Hex color 54002C looks on a white background.

## Color Contrast Check

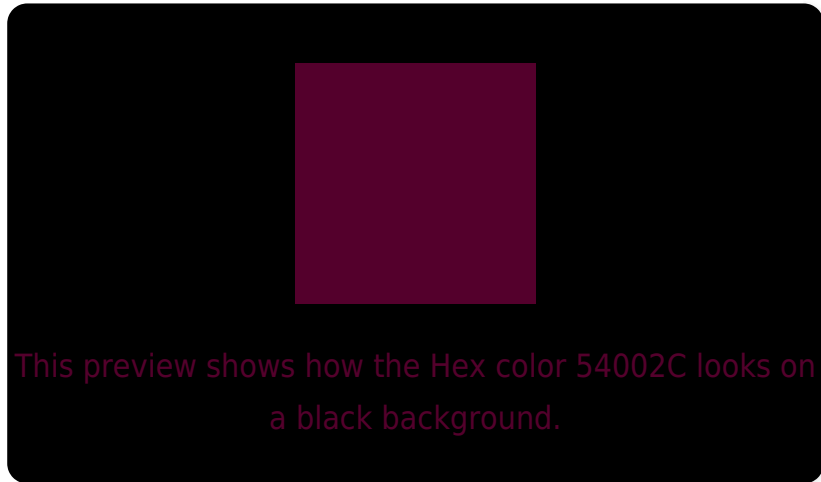
Large Text (above 18pt) WCAG AA ✓ Pass

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

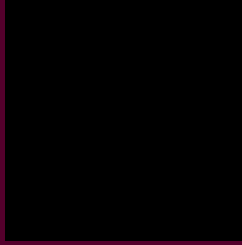
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 54002C Background



This preview shows how black text looks on a background with the Hex color 54002C.



This preview shows how white text looks on a background with the Hex color 54002C.

# 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**  
54002C

**Protanopia**  
252B3F

**Deuteranopia**  
312A28



**Tritanopia**  
531112

# Trichromacy



**Original Color**  
54002C

**Protanomaly**  
361B38

**Deuteranomaly**  
3E1B29

**Tritanomaly**  
530B1B

# Monochromacy



**Original Color**  
54002C

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
321323

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54002C 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 #54002C looks like.

```
.text, #text, p{  
    color:#54002C  
}
```

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 #54002C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54002C  
}
```

## Border

The CSS property to change the border of an element to Hex 54002C is called "border". The border property can be set on classes, ids or directly on the HTML element.

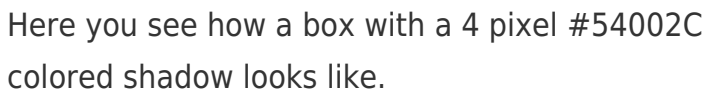
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#54002C }
```

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

```
.border{ border-color:#54002C }
```

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



Here you see how a box with a 4 pixel #54002C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54002C; -webkit-box-shadow:4px 4px  
4px 4px #54002C; box-shadow:4px 4px 4px  
4px #54002C }
```

# Background

The CSS property to change the background color of an element to Hex 54002C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54002C }
```

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

```
.background{ background-color:#54002C }
```

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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