

Converting Colors

Hex(57003C)

Have a look what the booklet for
Hex(57003C) contains.

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Color

Hex(57003C)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 57003C |
| RGB | 87, 0, 60 |
| RGB Percent | 34%, 0%, 24% |
| CMY | 0.6588, 1.0000, 0.7647 |
| CMYK | 0.00, 1.00, 0.31, 0.66 |
| HSL | 319°, 100%, 17% |
| HSV | 319°, 100%, 34% |
| XYZ | 4.7461, 2.3525, 4.4789 |
| YIQ | 32.8530, 32.5920, 37.1040 |

Conversions

Conversions Part 2

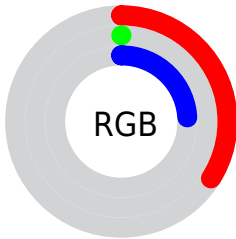
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 87, 0, 60 |
| Decimal | 5701692 |
| CIE _{Lab} | 17.24, 40.85, -11.73 |
| CIE _{LCh} | 17, 42.505, 343.976 |
| Yxy | 2.3525, 0.4099, 0.2032 |
| Android (android.graphics.Color) | 4283891772 (0xFF57003C) |
| YUV | 32.8530, 13.3835, 47.4869 |
| Hunter-Lab | 15.3378, 28.3934, -6.5772 |

Details

The Hex color **57003C** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **00571B**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **8C3A6B**, and **270011** is the 20% darker color. If you saturate the color by 10%, you get **57003C**, and if you desaturate by 10%, it is **57093F**.

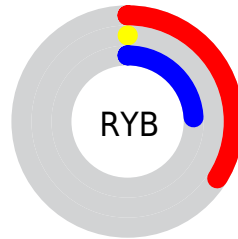
Distribution



Red (34%)

Green (0%)

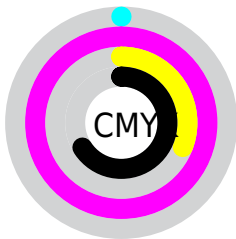
Blue (24%)



Red (34%)

Yellow (0%)

Blue (24%)

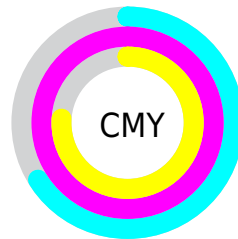


Cyan (0%)

Magenta (100%)

Yellow (31%)

Black (66%)



Cyan (66%)

Magenta (100%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57003C 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 57003C by changing the saturation by 10% instead.

 57003C

 57003C

 FFF7FF

 3D0026

 8C3A6B

 270011

 A85385

 000000

 C46D9F

 E187BA

 FEA2D6

 FFBEF2

 FFDBFF

 57003C

■ 57093F

■ 571141

■ 571A44

■ 572347

■ 572C49

■ 57344C

■ 573D4F

■ 574652

■ 574E54

Harmonies

Analogous

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



3C1957



57003C



5E001E

Triad

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



57003C



292E00



003655

Complementary

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



57003C



00571B

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.



003738



57003C



003300

Square

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



57003C



432300



003618



003366

Rectangle

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



57003C



5A0807



003618



00374C

Sweetspot

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



57003C



704F66



1A0057



382432



B8B8B8



383838

Same Dimension

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



57003C



70004D



570011



2B272A



6B004A



EB00A2

Inverse Universe

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



57003C



70004D



005746



2B272A



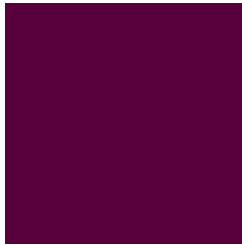
6B004A



EB00A2

Previews

White Background



This preview shows how the Hex color 57003C looks on a white background.

Color Contrast Check

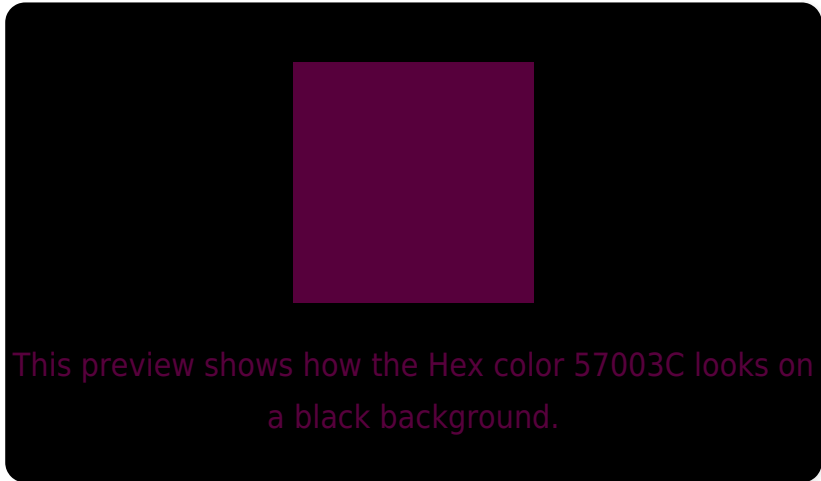
Large Text (above 18pt) WCAG AA ✓ Pass

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

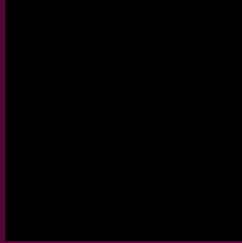
Any Text WCAG AA × Fail

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 57003C Background



This preview shows how black text looks on a background with the Hex color 57003C.



This preview shows how white text looks on a background with the Hex color 57003C.

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
57003C

Protanopia
1A2D56

Deuteranopia
2F2E38



Tritanopia
551819

Trichromacy



Original Color
57003C

Protanomaly
301D4D

Deuteranomaly
3E1D39

Tritanomaly
560F26

Monochromacy



Original Color
57003C

Achromatopsia
212121

Achromatomaly
35152B

CSS Examples

Text

The CSS property to change the color of the text to Hex 57003C 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 #57003C looks like.

```
.text, #text, p{  
    color:#57003C  
}
```

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 #57003C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57003C
}
```

Border

The CSS property to change the border of an element to Hex 57003C is called "border". The border property can be set on classes, ids or directly on the HTML element.

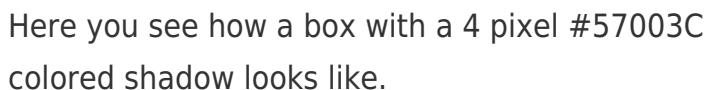
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#57003C }
```

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

```
.border{ border-color:#57003C }
```

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



Here you see how a box with a 4 pixel #57003C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57003C; -webkit-box-shadow:4px 4px  
4px 4px #57003C; box-shadow:4px 4px 4px  
4px #57003C }
```

Background

The CSS property to change the background color of an element to Hex 57003C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57003C }
```

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

```
.background{ background-color:#57003C }
```

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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