

Converting Colors

Hex(58003C)

Have a look what the booklet for
Hex(58003C) contains.

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Color

Hex(58003C)

Conversions

Conversions Part 1

Format	Color
Hex	58003C
RGB	88, 0, 60
RGB Percent	35%, 0%, 24%
CMY	0.6549, 1.0000, 0.7647
CMYK	0.00, 1.00, 0.32, 0.65
HSL	319°, 100%, 17%
HSV	319°, 100%, 35%
XYZ	4.8401, 2.4010, 4.4833
YIQ	33.1520, 33.1880, 37.3160

Conversions

Conversions Part 2

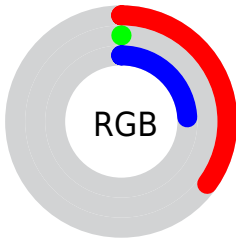
Format	Color
RYB	88, 0, 60
Decimal	5767228
CIELab	17.46, 41.08, -11.36
CIELCh	17, 42.627, 344.537
Yxy	2.4010, 0.4128, 0.2048
Android (android.graphics.Color)	4283957308 (0xFF58003C)
YUV	33.1520, 13.2361, 48.1017
Hunter-Lab	15.4950, 28.6411, -6.3083

Details

The Hex color **58003C** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **00581C**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **8D3A6B**, and **280011** is the 20% darker color. If you saturate the color by 10%, you get **58003C**, and if you desaturate by 10%, it is **58093F**.

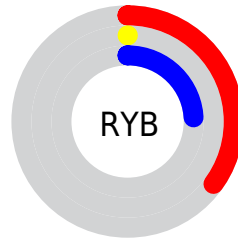
Distribution



Red (35%)

Green (0%)

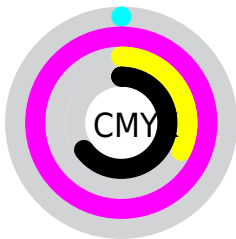
Blue (24%)



Red (35%)

Yellow (0%)

Blue (24%)

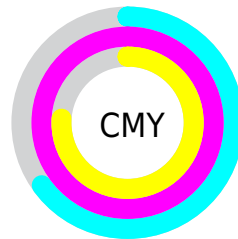


Cyan (0%)

Magenta (100%)

Yellow (32%)

Black (65%)



Cyan (65%)

Magenta (100%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58003C 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 58003C by changing the saturation by 10% instead.

 58003C

 58003C

 FFF8FF

 3E0026

 8D3A6B

 280011

 A95485

 000000

 C56D9F

 E288BA

 FFA3D6

 FFBFF2

 FFDBFF

 58003C

■ 58093F

■ 581242

■ 581A44

■ 582347

■ 582C4A

■ 58354D

■ 583E50

■ 584652

■ 584F55

Harmonies

Analogous

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



3D1957



58003C



5F001E

Triad

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



58003C



292E00



003756

Complementary

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



58003C



00581C

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.



003739



58003C



003400

Square

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



58003C



432400



003619



003367

Rectangle

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



58003C



5A0906



003619



00374D

Sweetspot

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



58003C



735068



1C0058



3B2634



BABABA



3B3B3B

Same Dimension

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



58003C



73004E



580010



2B272A



6B0049



EB00A0

Inverse Universe

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



58003C



73004E



005848



2B272A



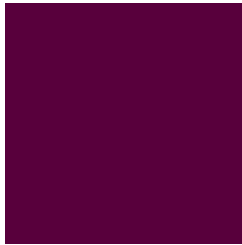
6B0049



EB00A0

Previews

White Background



This preview shows how the Hex color 58003C looks on a white background.

Color Contrast Check

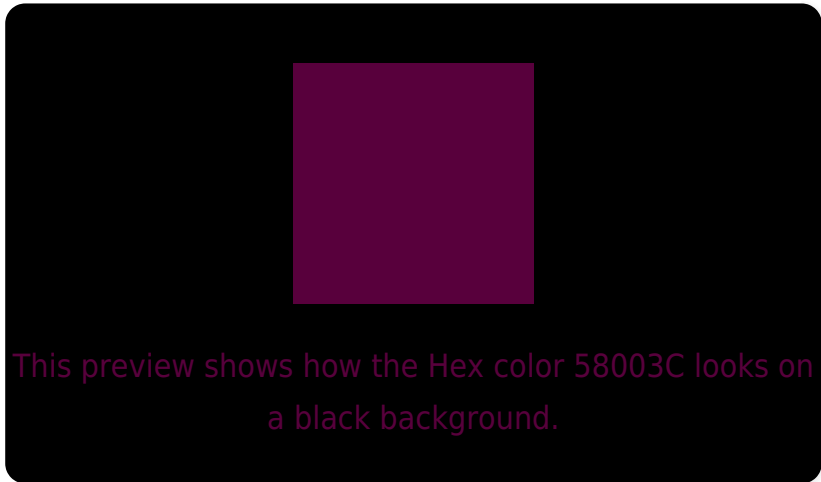
Large Text (above 18pt) WCAG AA ✓ Pass

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

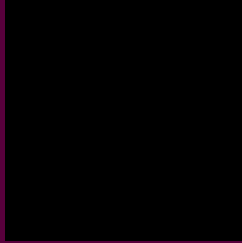
Any Text WCAG AA × Fail

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 58003C Background



This preview shows how black text looks on a background with the Hex color 58003C.

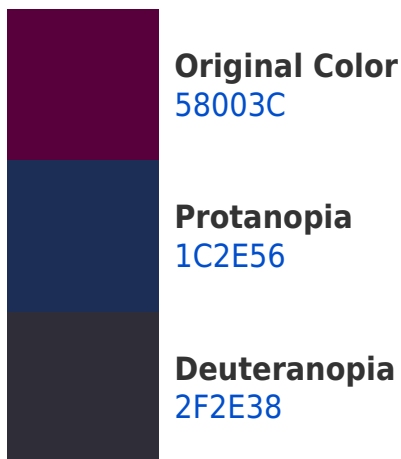


This preview shows how white text looks on a background with the Hex color 58003C.

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





Tritanopia
561819

Trichromacy



Original Color
58003C

Protanomaly
321D4D

Deuteranomaly
3E1D39

Tritanomaly
570F26

Monochromacy



Original Color
58003C

Achromatopsia
212121

Achromatomaly
35152B

CSS Examples

Text

The CSS property to change the color of the text to Hex 58003C 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 #58003C looks like.

```
.text, #text, p{  
    color:#58003C  
}
```

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 #58003C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58003C
}
```

Border

The CSS property to change the border of an element to Hex 58003C 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".

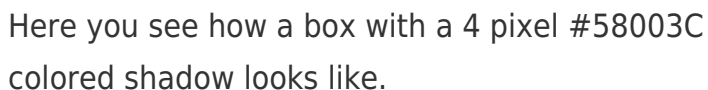
```
.border, #border, table{ border:4px solid
#58003C }
```

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

```
.border{ border-color:#58003C }
```

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

Here you see how a box with a 4 pixel #58003C 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 #58003C; -webkit-box-shadow:4px 4px  
4px 4px #58003C; box-shadow:4px 4px 4px  
4px #58003C }
```

Background

The CSS property to change the background color of an element to Hex 58003C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58003C }
```

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

```
.background{ background-color:#58003C }
```

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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