

Converting Colors

Hex(59003A)

Have a look what the booklet for
Hex(59003A) contains.

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Color

Hex(59003A)

Conversions

Conversions Part 1

Format	Color
Hex	59003A
RGB	89, 0, 58
RGB Percent	35%, 0%, 23%
CMY	0.6510, 1.0000, 0.7725
CMYK	0.00, 1.00, 0.35, 0.65
HSL	321°, 100%, 17%
HSV	321°, 100%, 35%
XYZ	4.8835, 2.4293, 4.2145
YIQ	33.2230, 34.4260, 36.9060

Conversions

Conversions Part 2

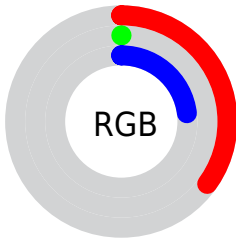
Format	Color
R _Y B	89, 0, 58
Decimal	5832762
CIE Lab	17.60, 41.07, -9.73
CIE LCh	18, 42.208, 346.672
Yxy	2.4293, 0.4236, 0.2107
Android (android.graphics.Color)	4284022842 (0xFF59003A)
YUV	33.2230, 12.2151, 48.9164
Hunter-Lab	15.5863, 28.6520, -5.1214

Details

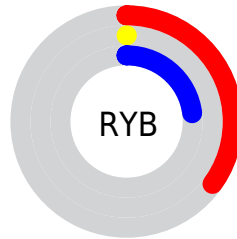
The Hex color **59003A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **00591F**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **8E3A69**, and **29000E** is the 20% darker color. If you saturate the color by 10%, you get **59003A**, and if you desaturate by 10%, it is **59093D**.

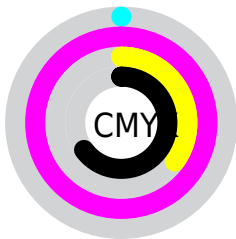
Distribution



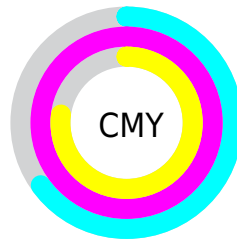
- Red (35%)
- Green (0%)
- Blue (23%)



- Red (35%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (35%)
- Black (65%)



- Cyan (65%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59003A 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 59003A by changing the saturation by 10% instead.

 59003A

 59003A

 FFF8FF

 3F0024

 8E3A69

 29000E

 AA5482

 000000

 C66E9C

 E388B7

 FFA3D3

 FFBFEF

 FFDBFF

 59003A

■ 59093D

■ 591240

■ 591B43

■ 592446

■ 592D49

■ 59354D

■ 593E50

■ 594753

■ 595056

Harmonies

Analogous

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



401955



59003A



5E001C

Triad

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



59003A



272F00



003757

Complementary

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



59003A



00591F

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.



00383C



59003A



003400

Square

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



59003A



412500



00371C



003367

Rectangle

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



59003A



5A0C04



00371C



00374F

Sweetspot

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



59003A



735067



1E0059



3B2633



BABABA



3B3B3B

Same Dimension

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



59003A



73004B



59000F



2B272A



6B0046



EB0099

Inverse Universe

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



59003A



73004B



00594A



2B272A



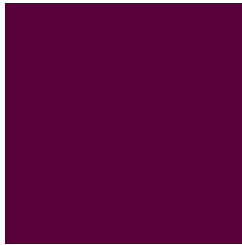
6B0046



EB0099

Previews

White Background



This preview shows how the Hex color 59003A looks on a white background.

Color Contrast Check

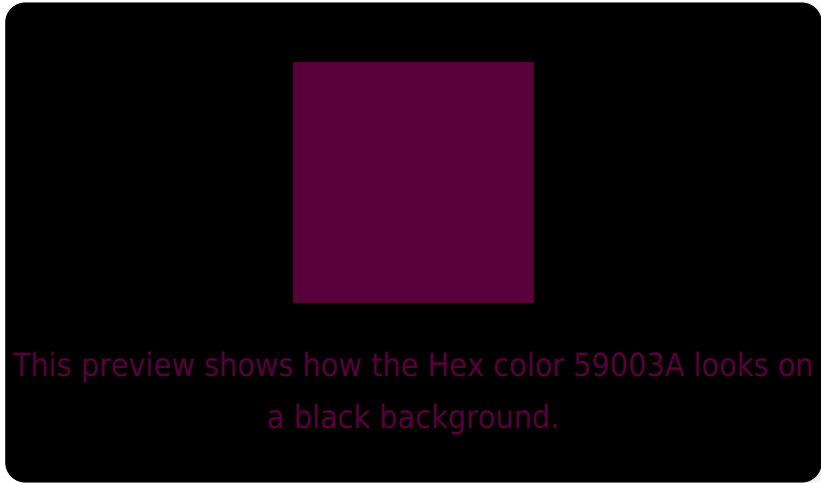
Large Text (above 18pt) WCAG AA ✓ Pass

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

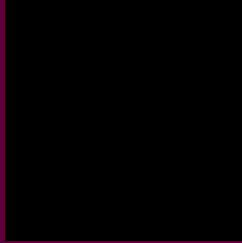
Any Text WCAG AA × Fail

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 59003A Background



This preview shows how black text looks on a background with the Hex color 59003A.



This preview shows how white text looks on a background with the Hex color 59003A.

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
59003A

Protanopia
1F2E53

Deuteranopia
312E36



Tritanopia
571718

Trichromacy



Original Color
59003A

Protanomaly
341D4A

Deuteranomaly
401D37

Tritanomaly
580F24

Monochromacy



Original Color
59003A

Achromatopsia
212121

Achromatomaly
35152A

CSS Examples

Text

The CSS property to change the color of the text to Hex 59003A 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 #59003A looks like.

```
.text, #text, p{  
    color:#59003A  
}
```

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 #59003A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59003A
}
```

Border

The CSS property to change the border of an element to Hex 59003A 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".

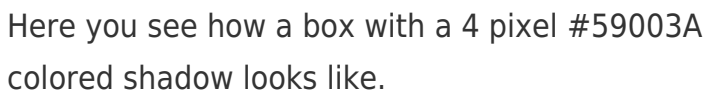
```
.border, #border, table{ border:4px solid
#59003A }
```

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

```
.border{ border-color:#59003A }
```

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

Here you see how a box with a 4 pixel #59003A 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 #59003A; -webkit-box-shadow:4px 4px  
4px 4px #59003A; box-shadow:4px 4px 4px  
4px #59003A }
```

Background

The CSS property to change the background color of an element to Hex 59003A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59003A }
```

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

```
.background{ background-color:#59003A }
```

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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