

Converting Colors

Hex(5E003B)

Have a look what the booklet for
Hex(5E003B) contains.

Hex(5E003B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5E003B)

Conversions

Conversions Part 1

Format	Color
Hex	5E003B
RGB	94, 0, 59
RGB Percent	37%, 0%, 23%
CMY	0.6314, 1.0000, 0.7686
CMYK	0.00, 1.00, 0.37, 0.63
HSL	322°, 100%, 18%
HSV	322°, 100%, 37%
XYZ	5.4055, 2.6955, 4.3730
YIQ	34.8320, 37.0850, 38.2770

Conversions

Conversions Part 2

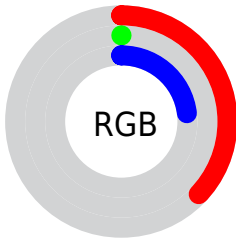
Format	Color
RYB	94, 0, 59
Decimal	6160443
CIELab	18.78, 42.37, -8.53
CIElCh	19, 43.214, 348.622
Yxy	2.6955, 0.4333, 0.2161
Android (android.graphics.Color)	4284350523 (0xFF5E003B)
YUV	34.8320, 11.9148, 51.8903
Hunter-Lab	16.4178, 30.0393, -4.3000

Details

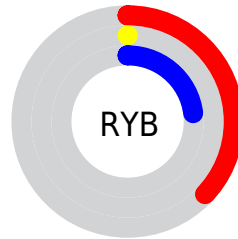
The Hex color **5E003B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **005E23**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **943C6A**, and **2E0010** is the 20% darker color. If you saturate the color by 10%, you get **5E003B**, and if you desaturate by 10%, it is **5E093E**.

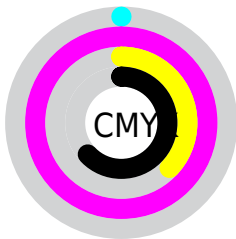
Distribution



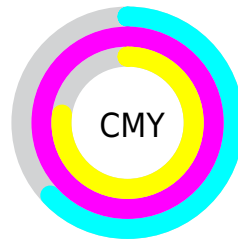
- Red (37%)
- Green (0%)
- Blue (23%)



- Red (37%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (37%)
- Black (63%)



- Cyan (63%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E003B 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 5E003B by changing the saturation by 10% instead.

 5E003B

 5E003B

 FFFAFF

 440025

 943C6A

 2E0010

 B05583

 000000

 CC6F9D

 EA8AB8

 FFA5D4

 FFC1F0

 FFDDFF

 5E003B

 5E093E

 5E1342

 5E1C46

 5E2649

 5E2F4D

 5E3850

 5E4254

 5E4B57

 5E555B

Harmonies

Analogous

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



461958



5E003B



62001C

Triad

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



5E003B



273200



003A5D

Complementary

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



5E003B



005E23

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.



003B41



5E003B



003700

Square

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



5E003B



432800



003A20



00356C

Rectangle

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



5E003B



5D1004



003A20



003A54

Sweetspot

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



5E003B



7A566D



22005E



3D2735



BDBDBD



3D3D3D

Same Dimension

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



5E003B



7A004D



5E000D



2E292C



6E0045



ED0095

Inverse Universe

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



5E003B



7A004D



005E51



2E292C



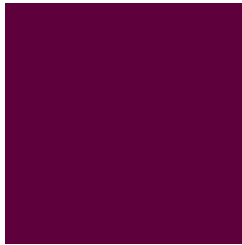
6E0045



ED0095

Previews

White Background



This preview shows how the Hex color 5E003B looks on a white background.

Color Contrast Check

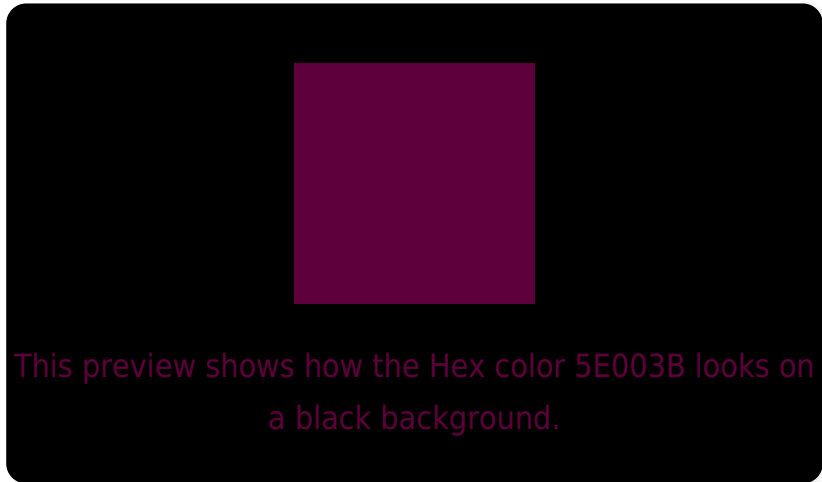
Large Text (above 18pt) WCAG AA ✓ Pass

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

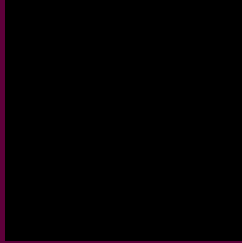
Any Text WCAG AA × Fail

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 5E003B Background



This preview shows how black text looks on a background with the Hex color 5E003B.

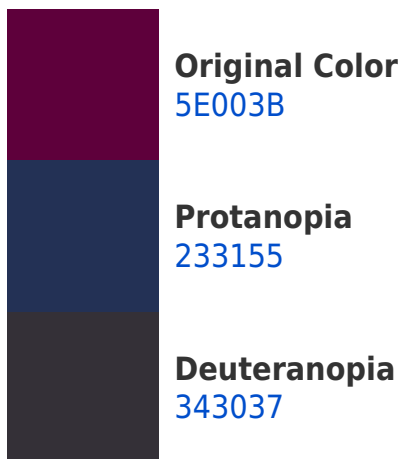


This preview shows how white text looks on a background with the Hex color 5E003B.

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
5C1718

Trichromacy



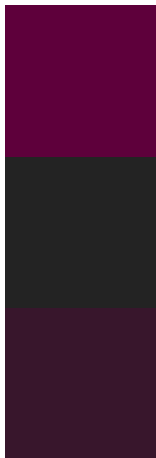
Original Color
5E003B

Protanomaly
381F4C

Deuteranomaly
431F38

Tritanomaly
5D0F25

Monochromacy



Original Color
5E003B

Achromatopsia
232323

Achromatomaly
38162C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E003B 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 #5E003B looks like.

```
.text, #text, p{  
    color:#5E003B  
}
```

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 #5E003B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E003B
}
```

Border

The CSS property to change the border of an element to Hex 5E003B 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".

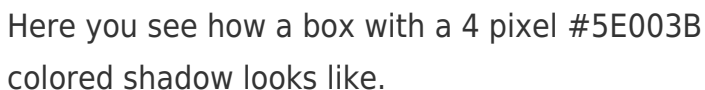
```
.border, #border, table{ border:4px solid
#5E003B }
```

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

```
.border{ border-color:#5E003B }
```

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

Here you see how a box with a 4 pixel #5E003B 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 #5E003B; -webkit-box-shadow:4px 4px  
4px 4px #5E003B; box-shadow:4px 4px 4px  
4px #5E003B }
```

Background

The CSS property to change the background color of an element to Hex 5E003B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E003B }
```

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

```
.background{ background-color:#5E003B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor