

# Converting Colors

Hex(51003E)

Have a look what the booklet for  
Hex(51003E) contains.

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**Color**

**Hex(51003E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	51003E
RGB	81, 0, 62
RGB Percent	32%, 0%, 24%
CMY	0.6824, 1.0000, 0.7569
CMYK	0.00, 1.00, 0.23, 0.68
HSL	314°, 100%, 16%
HSV	314°, 100%, 32%
XYZ	4.2628, 2.0971, 4.7375
YIQ	31.2870, 28.3740, 36.4540

# Conversions

## Conversions Part 2

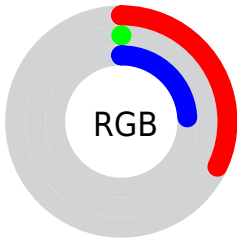
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 0, 62
Decimal	5308478
CIE <sub>Lab</sub>	15.99, 39.76, -15.19
CIE <sub>LCh</sub>	16, 42.566, 339.092
Yxy	2.0971, 0.3841, 0.1890
Android (android.graphics.Color)	4283498558 (0xFF51003E)
YUV	31.2870, 15.1415, 43.5983
Hunter-Lab	14.4815, 27.2016, -9.2594

# Details

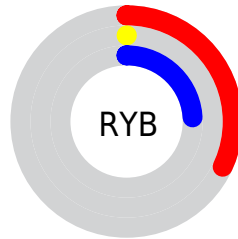
The Hex color **51003E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **005113**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **85386E**, and **210013** is the 20% darker color. If you saturate the color by 10%, you get **51003E**, and if you desaturate by 10%, it is **510840**.

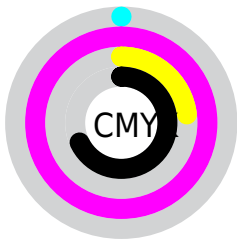
# Distribution



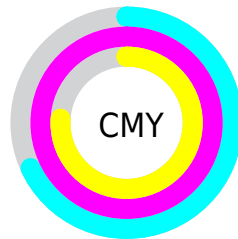
- Red (32%)
- Green (0%)
- Blue (24%)



- Red (32%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (23%)
- Black (68%)



- Cyan (68%)
- Magenta (100%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51003E 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 51003E by changing the saturation by 10% instead.



 51003E

 51003E

 FFF5FF

 380028

 85386E

 210013

 A15287

 000000

 BD6BA1

 D985BC

 F6A0D8

 FFBCF5

 FFD8FF

 51003E

■ 510840

■ 511042

■ 511844

■ 512046

■ 512947

■ 513149

■ 51394B

■ 51414D

■ 51494F

# Harmonies

## Analogous

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



321A57



51003E



5B0020

# Triad

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



51003E



2A2A00



00344E

# Complementary

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



51003E



005113

# 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.



003431



51003E



053000

# Square

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



51003E



431E00



003310



003161

# Rectangle

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



51003E



58000A



003310



003445



# Sweetspot

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



51003E



694961



130051



362231



B5B5B5



363636



# Same Dimension

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



51003E



690050



510016



292528



E800B2

# Inverse Universe

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



51003E



690050



00513B



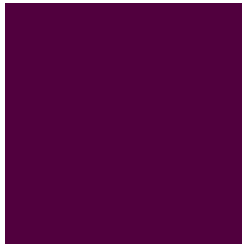
292528



E800B2

# Previews

## White Background



This preview shows how the Hex color 51003E looks on a white background.

## Color Contrast Check

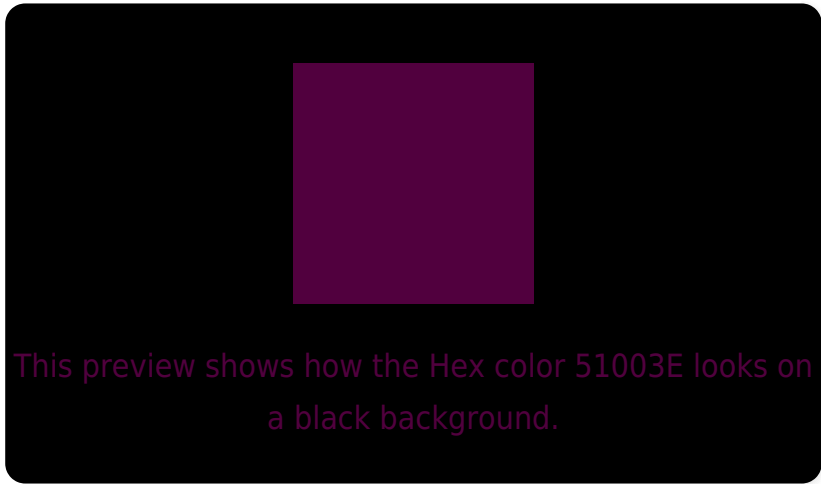
Large Text (above 18pt) WCAG AA ✓ Pass

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

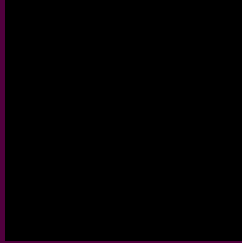
Any Text WCAG AA × Fail

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 51003E Background



This preview shows how black text looks on a background with the Hex color 51003E.

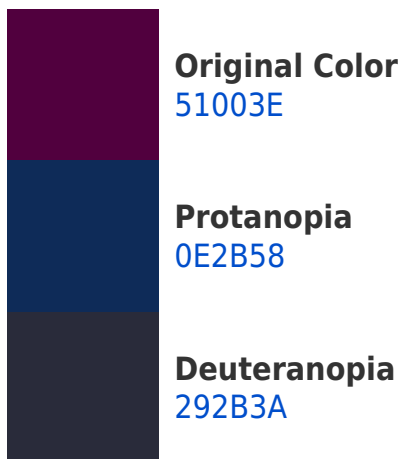


This preview shows how white text looks on a background with the Hex color 51003E.

# 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**  
4E181A

# Trichromacy



**Original Color**  
51003E

**Protanomaly**  
261B4F

**Deuteranomaly**  
381B3B

**Tritanomaly**  
4F0F27

# Monochromacy



**Original Color**  
51003E

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
31142A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51003E 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 #51003E looks like.

```
.text, #text, p{  
    color:#51003E  
}
```

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 #51003E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51003E
}
```

## Border

The CSS property to change the border of an element to Hex 51003E is called "border". The border property can be set on classes, ids or directly on the HTML element.

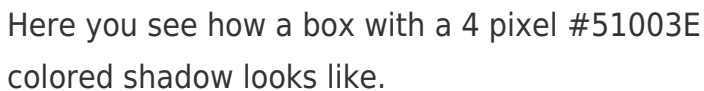
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51003E }
```

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

```
.border{ border-color:#51003E }
```

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



Here you see how a box with a 4 pixel #51003E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51003E; -webkit-box-shadow:4px 4px  
4px 4px #51003E; box-shadow:4px 4px 4px  
4px #51003E }
```

# Background

The CSS property to change the background color of an element to Hex 51003E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51003E }
```

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

```
.background{ background-color:#51003E }
```

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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