

Converting Colors

Hex(5E0037)

Have a look what the booklet for
Hex(5E0037) contains.

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Color

Hex(5E0037)

Conversions

Conversions Part 1

Format	Color
Hex	5E0037
RGB	94, 0, 55
RGB Percent	37%, 0%, 22%
CMY	0.6314, 1.0000, 0.7843
CMYK	0.00, 1.00, 0.41, 0.63
HSL	325°, 100%, 18%
HSV	325°, 100%, 37%
XYZ	5.3057, 2.6555, 3.8474
YIQ	34.3760, 38.3690, 37.0330

Conversions

Conversions Part 2

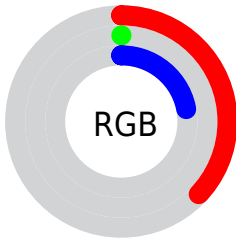
Format	Color
RYB	94, 0, 55
Decimal	6160439
CIELab	18.61, 41.92, -5.96
CIElCh	19, 42.340, 351.907
Yxy	2.6555, 0.4493, 0.2249
Android (android.graphics.Color)	4284350519 (0xFF5E0037)
YUV	34.3760, 10.1676, 52.2902
Hunter-Lab	16.2958, 29.5996, -2.5911

Details

The Hex color **5E0037** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **005E27**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **943B66**, and **2E000A** is the 20% darker color. If you saturate the color by 10%, you get **5E0037**, and if you desaturate by 10%, it is **5E093B**.

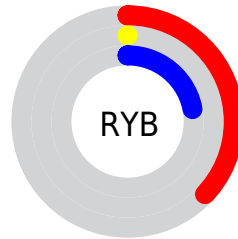
Distribution



Red (37%)

Green (0%)

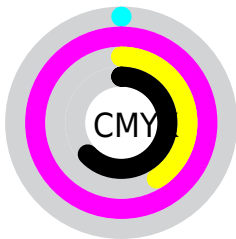
Blue (22%)



Red (37%)

Yellow (0%)

Blue (22%)

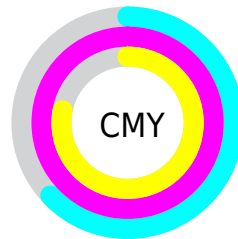


Cyan (0%)

Magenta (100%)

Yellow (41%)

Black (63%)



Cyan (63%)

Magenta (100%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E0037 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 5E0037 by changing the saturation by 10% instead.

 5E0037

 5E0037

 FFFAFF

 440022

 943B66

 2E000A

 B0557F

 000000

 CD6F99

 EA8AB3

 FFA5CF

 FFC1EB

 FFDDFF

 5E0037

■ 5E093B

■ 5E133F

■ 5E1C43

■ 5E2647

■ 5E2F4A

■ 5E384E

■ 5E4252

■ 5E4B56

■ 5E555A

Harmonies

Analogous

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



491754



5E0037



610319

Triad

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



5E0037



243200



00395E

Complementary

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



5E0037



005E27

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.



003A44



5E0037



003700

Square

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



5E0037



402900



003924



00346B

Rectangle

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



5E0037



5A1300



003924



003A56

Sweetspot

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



5E0037



7A566B



26005E



3D2734



BDBDBD



3D3D3D

Same Dimension

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



5E0037



7A0048



5E0009



2E292C



6E0040



ED008B

Inverse Universe

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



5E0037



7A0048



005E55



2E292C



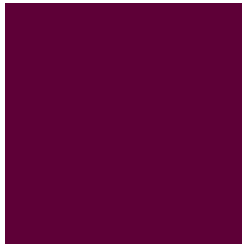
6E0040



ED008B

Previews

White Background



This preview shows how the Hex color 5E0037 looks on a white background.

Color Contrast Check

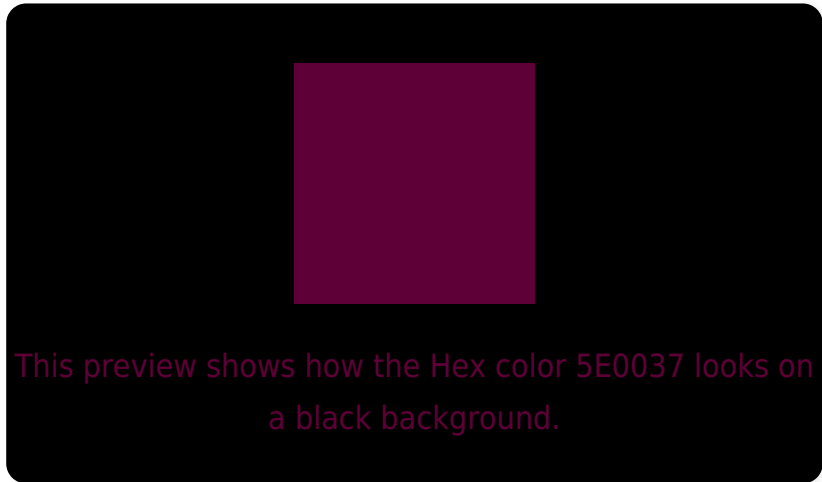
Large Text (above 18pt) WCAG AA ✓ Pass

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

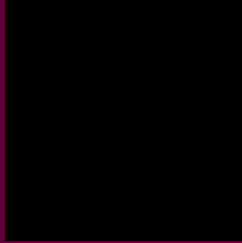
Any Text WCAG AA × Fail

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 5E0037 Background



This preview shows how black text looks on a background with the Hex color 5E0037.



This preview shows how white text looks on a background with the Hex color 5E0037.

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
5E0037

Protanopia
26314F

Deuteranopia
363033



Tritanopia
5C1616

Trichromacy



Original Color
5E0037

Protanomaly
3A1F46

Deuteranomaly
451F34

Tritanomaly
5D0E22

Monochromacy



Original Color
5E0037

Achromatopsia
222222

Achromatomaly
38162A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E0037 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 #5E0037 looks like.

```
.text, #text, p{  
    color:#5E0037  
}
```

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 #5E0037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E0037
}
```

Border

The CSS property to change the border of an element to Hex 5E0037 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".

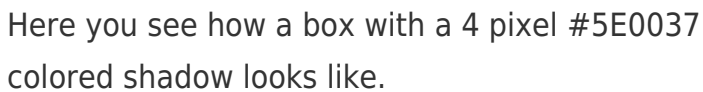
```
.border, #border, table{ border:4px solid
#5E0037 }
```

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

```
.border{ border-color:#5E0037 }
```

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

Here you see how a box with a 4 pixel #5E0037 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red shadow that is 4 pixels wide and 4 pixels high, extending to the right and down from the bottom-right corner of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E0037; -webkit-box-shadow:4px 4px  
4px 4px #5E0037; box-shadow:4px 4px 4px  
4px #5E0037 }
```

Background

The CSS property to change the background color of an element to Hex 5E0037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E0037 }
```

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

```
.background{ background-color:#5E0037 }
```

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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