

Converting Colors

Hex(5E233E)

Have a look what the booklet for
Hex(5E233E) contains.

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Color

Hex(5E233E)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 5E233E |
| RGB | 94, 35, 62 |
| RGB Percent | 37%, 14%, 24% |
| CMY | 0.6314, 0.8627, 0.7569 |
| CMYK | 0.00, 0.63, 0.34, 0.63 |
| HSL | 333°, 46%, 25% |
| HSV | 333°, 63%, 37% |
| XYZ | 6.0866, 3.9295, 4.9951 |
| YIQ | 55.7190, 26.4970, 20.9050 |

Conversions

Conversions Part 2

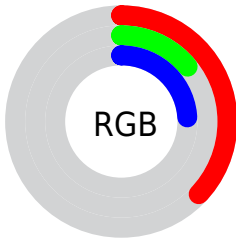
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 94, 35, 62 |
| Decimal | 6169406 |
| CIE Lab | 23.44, 30.05, -3.60 |
| CIE LCh | 23, 30.267, 353.166 |
| Yxy | 3.9295, 0.4055, 0.2618 |
| Android (android.graphics.Color) | 4284359486 (0xFF5E233E) |
| YUV | 55.7190, 3.0965, 33.5724 |
| Hunter-Lab | 19.8231, 20.1176, -1.0640 |

Details

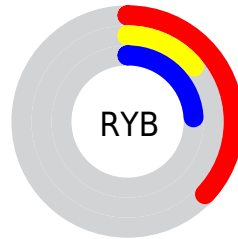
The Hex color **5E233E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **235E43**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **93536D**, and **2E0014** is the 20% darker color. If you saturate the color by 10%, you get **5E1A39**, and if you desaturate by 10%, it is **5E2C43**.

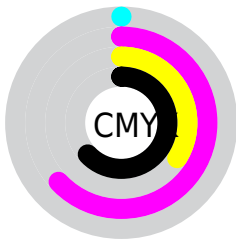
Distribution



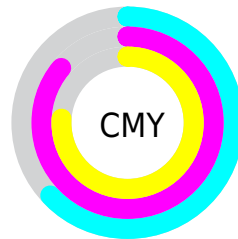
- Red (37%)
- Green (14%)
- Blue (24%)



- Red (37%)
- Yellow (14%)
- Blue (24%)



- Cyan (0%)
- Magenta (63%)
- Yellow (34%)
- Black (63%)



- Cyan (63%)
- Magenta (86%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E233E 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 5E233E by changing the saturation by 10% instead.

 5E233E

 5E233E

FFFFFF

 450A28

 93536D

 2E0014

 AE6C87

 050000

 CA86A1

 000000

 E7A0BC

 FFBCD8

 FFD8F4

 FFF4FF

 5E233E

 5E233E

■ 5E1A39

■ 5E2C43

■ 5E1034

■ 5E3648

■ 5E072F

■ 5E3F4D

■ 5E002B

■ 5E4952

■ 5E5257

■ 5E5B5D

■ 5E6562

■ 5E6E67

■ 5E786C

Harmonies

Analogous

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



4E2A53



5E233E



612427

Triad

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



5E233E



333C0A



00415C

Complementary

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



5E233E



235E43

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.



004349



5E233E



15401B

Square

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



5E233E



483506



004232



003C65

Rectangle

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



5E233E



5C291A



004232



004256

Sweetspot

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



5E233E



7A636E



42235E



3D2F36



BDBDBD



3D3D3D

Same Dimension

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



5E233E



7A1F49



5E2523



2E292B



6E0032



ED006D

Inverse Universe

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



5E233E



7A1F49



235C5E



2E292B



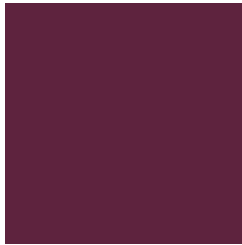
6E0032



ED006D

Previews

White Background



This preview shows how the Hex color 5E233E 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

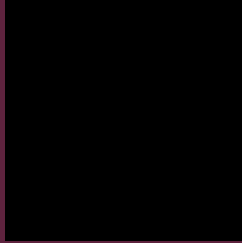
Any Text WCAG AA × Fail

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 5E233E Background



This preview shows how black text looks on a background with the Hex color 5E233E.



This preview shows how white text looks on a background with the Hex color 5E233E.

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
5E233E

Protanopia
33384C

Deuteranopia
3D373B



Tritanopia
5C272A

Trichromacy



Original Color
5E233E

Protanomaly
433047

Deuteranomaly
49303C

Tritanomaly
5D2631

Monochromacy



Original Color
5E233E

Achromatopsia
383838

Achromatomaly
46303A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E233E 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 #5E233E looks like.

```
.text, #text, p{  
    color:#5E233E  
}
```

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 #5E233E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E233E
}
```

Border

The CSS property to change the border of an element to Hex 5E233E is called "border". The border property can be set on classes, ids or directly on the HTML element.

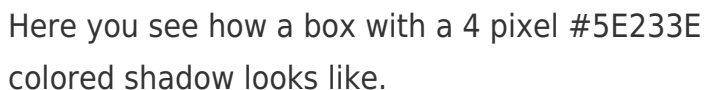
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E233E }
```

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

```
.border{ border-color:#5E233E }
```

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



Here you see how a box with a 4 pixel #5E233E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E233E; -webkit-box-shadow:4px 4px  
4px 4px #5E233E; box-shadow:4px 4px 4px  
4px #5E233E }
```

Background

The CSS property to change the background color of an element to Hex 5E233E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E233E }
```

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

```
.background{ background-color:#5E233E }
```

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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