

Converting Colors

Hex(5E345E)

Have a look what the booklet for
Hex(5E345E) contains.

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Color

Hex(5E345E)

Conversions

Conversions Part 1

Format	Color
Hex	5E345E
RGB	94, 52, 94
RGB Percent	37%, 20%, 37%
CMY	0.6314, 0.7961, 0.6314
CMYK	0.00, 0.45, 0.00, 0.63
HSL	300°, 29%, 29%
HSV	300°, 45%, 37%
XYZ	7.8645, 5.6438, 11.2645
YIQ	69.3460, 11.5500, 21.9660

Conversions

Conversions Part 2

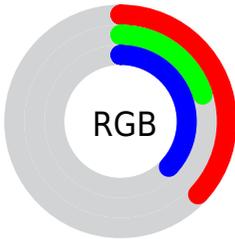
Format	Color
RYB	94, 52, 94
Decimal	6173790
CIELab	28.50, 26.09, -17.17
CIELCh	28, 31.232, 326.644
Yxy	5.6438, 0.3175, 0.2278
Android (android.graphics.Color)	4284363870 (0xFF5E345E)
YUV	69.3460, 12.1544, 21.6216
Hunter-Lab	23.7567, 17.5167, -11.4834

Details

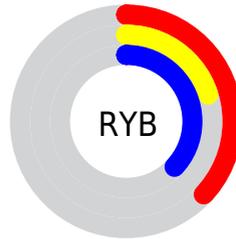
The Hex color **5E345E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **345E34**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **916491**, and **2E0730** is the 20% darker color. If you saturate the color by 10%, you get **5E2B5E**, and if you desaturate by 10%, it is **5E3D5E**.

Distribution



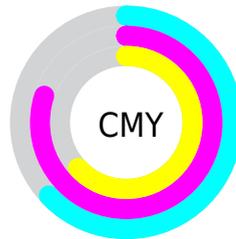
- Red (37%)
- Green (20%)
- Blue (37%)



- Red (37%)
- Yellow (20%)
- Blue (37%)



- Cyan (0%)
- Magenta (45%)
- Yellow (0%)
- Black (63%)



- Cyan (63%)
- Magenta (80%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E345E 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 5E345E by changing the saturation by 10% instead.

5E345E

5E345E

FFFFFF

461D46

916491

2E0730

AC7DAB

1A001B

C897C6

000000

E4B2E3

FFCEFF

FFEAFF

5E345E

5E345E

5E2B5E

5E3D5E

■ 5E215E

■ 5E475E

■ 5E185E

■ 5E505E

■ 5E0E5E

■ 5E5A5E

■ 5E055E

■ 5E635E

■ 5E005E

■ 5E6C5E

■ 5E765E

■ 5E7F5E

■ 5E895E

Harmonies

Analogous

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



3F3E6E



5E345E



6D2E47

Triad

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



5E345E



534110



004F58

Complementary

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



5E345E



345E34

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.



004F40



5E345E



3B4815

Square

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



5E345E



65381B



1B4D28



004C6B

Rectangle

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



5E345E



702E37



1B4D28



004F50

Sweetspot

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



5E345E



7A6A7A



34345E



3D333D



BDBDBD



3D3D3D

Same Dimension

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



5E345E



7A387A



5E3449



2E292E



6E006E



ED00ED

Inverse Universe

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



5E345E



7A387A



345E49



2E292E



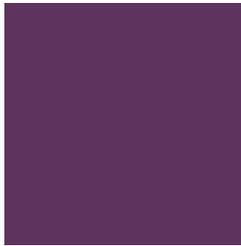
6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 5E345E looks on a white background.

Color Contrast Check

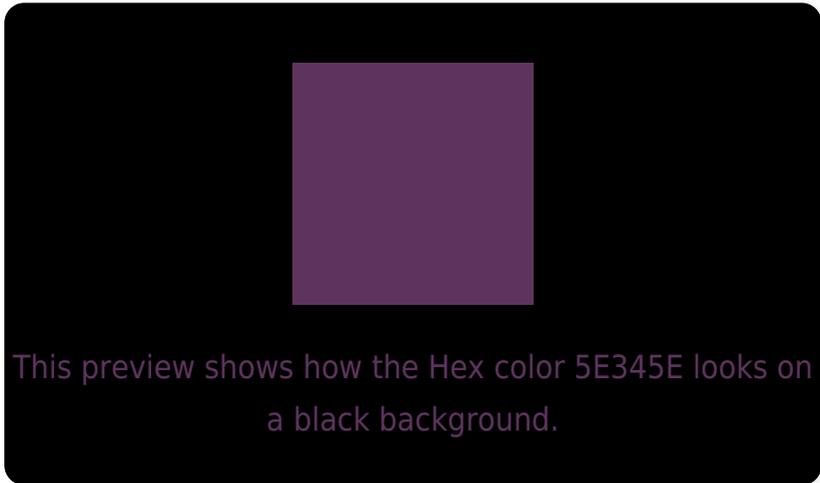
Large Text (above 18pt) WCAG AA ✓ Pass

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

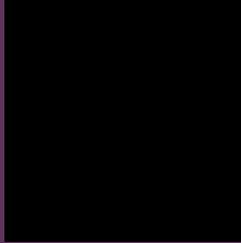
Any Text WCAG AA × Fail

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 5E345E Background



This preview shows how black text looks on a background with the Hex color 5E345E.



This preview shows how white text looks on a background with the Hex color 5E345E.

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
5E345E

Protanopia
35426A

Deuteranopia
3D435B



Tritanopia
5A3B3F

Trichromacy



Original Color
5E345E

Protanomaly
443D66

Deuteranomaly
493E5C

Tritanomaly
5B384A

Monochromacy



Original Color
5E345E

Achromatopsia
454545

Achromatomaly
4E3F4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E345E 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 #5E345E looks like.

```
.text, #text, p{  
    color:#5E345E  
}
```

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 #5E345E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E345E
}
```

Border

The CSS property to change the border of an element to Hex 5E345E is called "border". The border property can be set on classes, ids or directly on the HTML element.

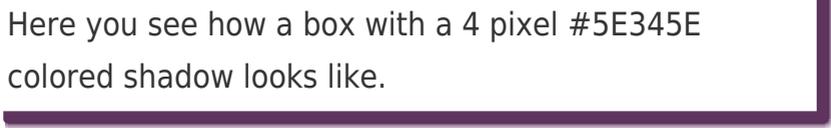
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E345E }
```

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

```
.border{ border-color:#5E345E }
```

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



Here you see how a box with a 4 pixel #5E345E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E345E; -webkit-box-shadow:4px 4px  
4px 4px #5E345E; box-shadow:4px 4px 4px  
4px #5E345E }
```

Background

The CSS property to change the background color of an element to Hex 5E345E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E345E }
```

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

```
.background{ background-color:#5E345E }
```

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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