

Converting Colors

Hex(5E3854)

Have a look what the booklet for
Hex(5E3854) contains.

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Color

Hex(5E3854)

Conversions

Conversions Part 1

Format	Color
Hex	5E3854
RGB	94, 56, 84
RGB Percent	37%, 22%, 33%
CMY	0.6314, 0.7804, 0.6706
CMYK	0.00, 0.40, 0.11, 0.63
HSL	316°, 25%, 29%
HSV	316°, 40%, 37%
XYZ	7.6305, 5.8481, 9.1141
YIQ	70.5540, 13.6600, 16.7640

Conversions

Conversions Part 2

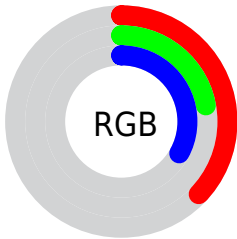
Format	Color
RYB	94, 56, 84
Decimal	6174804
CIELab	29.03, 21.62, -9.86
CIElCh	29, 23.759, 335.489
Yxy	5.8481, 0.3377, 0.2588
Android (android.graphics.Color)	4284364884 (0xFF5E3854)
YUV	70.5540, 6.6289, 20.5621
Hunter-Lab	24.1829, 14.0026, -5.4174

Details

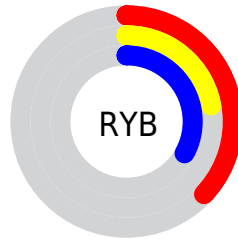
The Hex color **5E3854** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **385E42**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **916886**, and **2F0C27** is the 20% darker color. If you saturate the color by 10%, you get **5E2F52**, and if you desaturate by 10%, it is **5E4156**.

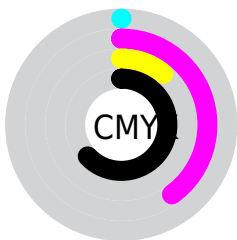
Distribution



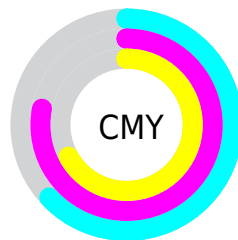
- Red (37%)
- Green (22%)
- Blue (33%)



- Red (37%)
- Yellow (22%)
- Blue (33%)



- Cyan (0%)
- Magenta (40%)
- Yellow (11%)
- Black (63%)



- Cyan (63%)
- Magenta (78%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E3854 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 5E3854 by changing the saturation by 10% instead.

■ 5E3854

■ 5E3854

FFFFFF

■ 46223D

■ 916886

■ 2F0C27

■ AC81A0

■ 1B0013

■ C89BBB

■ 000000

■ E4B6D6

■ FFD2F3

■ FFEFFF

■ 5E3854

■ 5E3854

■ 5E2F52

■ 5E4156

■ 5E254F

■ 5E4B59

■ 5E1C4D

■ 5E545B

■ 5E124A

■ 5E5E5E

■ 5E0948

■ 5E6760

■ 5E0045

■ 5E7063

■ 5E7A65

■ 5E8368

■ 5E8D6A

Harmonies

Analogous

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



4B3E62



5E3854



673542

Triad

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



5E3854



4D441F



004D59

Complementary

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



5E3854



385E42

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.



004E47



5E3854



394A26

Square

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



5E3854



5C3E23



214D35



004A65

Rectangle

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



5E3854



673736



214D35



004E54

Sweetspot

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



5E3854



7A6C77



42385E



3D353B



BDBDBD



3D3D3D

Same Dimension

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



5E3854



7A3E6B



5E3842



2E292D



6E0051



ED00AF

Inverse Universe

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



5E3854



7A3E6B



385E55



2E292D



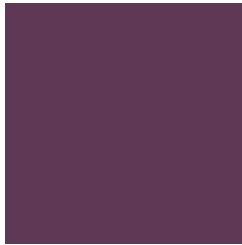
6E0051



ED00AF

Previews

White Background



This preview shows how the Hex color 5E3854 looks on a white background.

Color Contrast Check

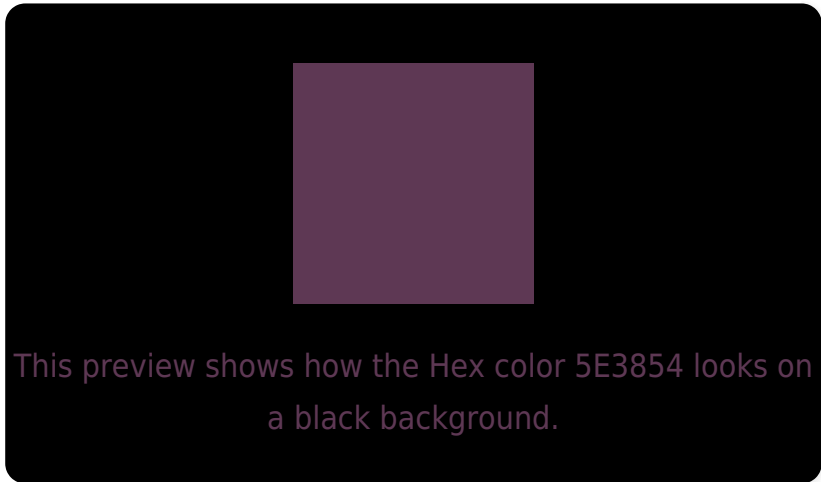
Large Text (above 18pt) WCAG AA ✓ Pass

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

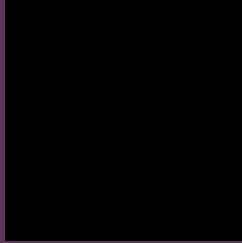
Any Text WCAG AA × Fail

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 5E3854 Background



This preview shows how black text looks on a background with the Hex color 5E3854.



This preview shows how white text looks on a background with the Hex color 5E3854.

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
5E3854

Protanopia
3E445D

Deuteranopia
454352



Tritanopia
5C3C40

Trichromacy



Original Color
5E3854

Protanomaly
4A405A

Deuteranomaly
4E3F53

Tritanomaly
5D3B47

Monochromacy



Original Color
5E3854

Achromatopsia
474747

Achromatomaly
4F424C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E3854 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 #5E3854 looks like.

```
.text, #text, p{  
    color:#5E3854  
}
```

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 #5E3854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E3854
}
```

Border

The CSS property to change the border of an element to Hex 5E3854 is called "border". The border property can be set on classes, ids or directly on the HTML element.

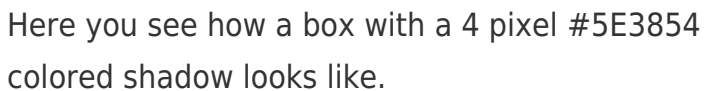
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E3854 }
```

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

```
.border{ border-color:#5E3854 }
```

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



Here you see how a box with a 4 pixel #5E3854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E3854; -webkit-box-shadow:4px 4px  
4px 4px #5E3854; box-shadow:4px 4px 4px  
4px #5E3854 }
```

Background

The CSS property to change the background color of an element to Hex 5E3854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E3854 }
```

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

```
.background{ background-color:#5E3854 }
```

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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