

# Converting Colors

Hex(5E4357)

Have a look what the booklet for  
Hex(5E4357) contains.

<b>Hex(5E4357)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(5E4357)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E4357
RGB	94, 67, 87
RGB Percent	37%, 26%, 34%
CMY	0.6314, 0.7373, 0.6588
CMYK	0.00, 0.29, 0.07, 0.63
HSL	316°, 17%, 32%
HSV	316°, 29%, 37%
XYZ	8.3435, 7.0821, 9.9441
YIQ	77.3530, 9.6720, 11.9440

# Conversions

## Conversions Part 2

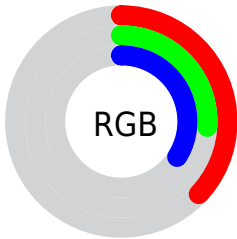
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 67, 87
Decimal	6177623
CIELab	31.99, 15.35, -7.32
CIELCh	32, 17.005, 334.503
Yxy	7.0821, 0.3289, 0.2792
Android (android.graphics.Color)	4284367703 (0xFF5E4357)
YUV	77.3530, 4.7560, 14.5994
Hunter-Lab	26.6122, 9.3924, -3.5260

# Details

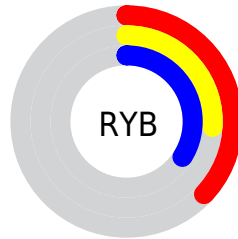
The Hex color **5E4357** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **435E4A**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **917389**, and **2F172A** is the 20% darker color. If you saturate the color by 10%, you get **5E3A55**, and if you desaturate by 10%, it is **5E4C59**.

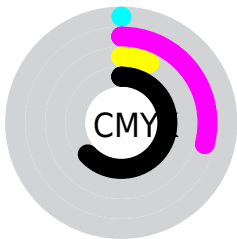
# Distribution



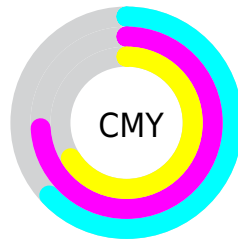
- Red (37%)
- Green (26%)
- Blue (34%)



- Red (37%)
- Yellow (26%)
- Blue (34%)



- Cyan (0%)
- Magenta (29%)
- Yellow (7%)
- Black (63%)



- Cyan (63%)
- Magenta (74%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E4357 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 5E4357 by changing the saturation by 10% instead.





5E4357



5E4357

FFFFFF



462D40



917389



2F172A



AB8DA3



1C0016



C7A7BE



000000



E3C3DA



FFDFF6



FFFBFF



5E4357



5E4357



5E3A55



5E4C59

■ 5E3052

■ 5E565C

■ 5E2750

■ 5E5F5E

■ 5E1D4D

■ 5E6961

■ 5E144B

■ 5E7263

■ 5E0B48

■ 5E7B66

■ 5E0146

■ 5E8568

■ 5E0046

■ 5E8E6A

■ 5E986D

# Harmonies

## Analogous

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



504761



5E4357



65414A

# Triad

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



5E4357



534B31



20525A

# Complementary

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



5E4357



435E4A

# 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.



26534D



5E4357



444F35

# Square

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



5E4357



5E4734



35523F



2A5063

# Rectangle

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



5E4357



664241



35523F



205256



# Sweetspot

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



5E4357



7A6F78



4A435E



3D363B



BDBDBD



3D3D3D



# Same Dimension

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



5E4357



7A5170



5E434A



2E292D



6E0051



ED00B0



# Inverse Universe

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



5E4357



7A5170



435E57



2E292D



6E0051



ED00B0



# Previews

## White Background



This preview shows how the Hex color 5E4357 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

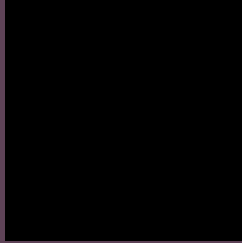
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5E4357 Background



This preview shows how black text looks on a background with the Hex color 5E4357.



This preview shows how white text looks on a background with the Hex color 5E4357.

# 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**  
5E4357

**Protanopia**  
484B5C

**Deuteranopia**  
4E4A56



**Tritanopia**  
5C454B

# Trichromacy



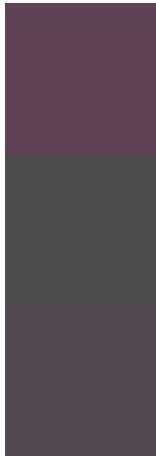
**Original Color**  
5E4357

**Protanomaly**  
50485A

**Deuteranomaly**  
544756

**Tritanomaly**  
5D444F

# Monochromacy



**Original Color**  
5E4357

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
534951

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E4357 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 #5E4357 looks like.

```
.text, #text, p{  
    color:#5E4357  
}
```

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 #5E4357 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4357
}
```

## Border

The CSS property to change the border of an element to Hex 5E4357 is called "border". The border property can be set on classes, ids or directly on the HTML element.

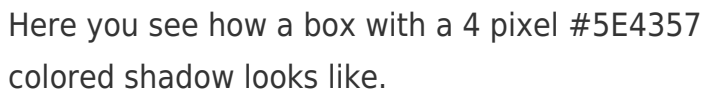
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E4357 }
```

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

```
.border{ border-color:#5E4357 }
```

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



Here you see how a box with a 4 pixel #5E4357 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4357; -webkit-box-shadow:4px 4px  
4px 4px #5E4357; box-shadow:4px 4px 4px  
4px #5E4357 }
```

# Background

The CSS property to change the background color of an element to Hex 5E4357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4357 }
```

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

```
.background{ background-color:#5E4357 }
```

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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