

Converting Colors

Hex(5E3753)

Have a look what the booklet for
Hex(5E3753) contains.

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Color

Hex(5E3753)

Conversions

Conversions Part 1

Format	Color
Hex	5E3753
RGB	94, 55, 83
RGB Percent	37%, 22%, 33%
CMY	0.6314, 0.7843, 0.6745
CMYK	0.00, 0.41, 0.12, 0.63
HSL	317°, 26%, 29%
HSV	317°, 41%, 37%
XYZ	7.5436, 5.7366, 8.8933
YIQ	69.8530, 14.2560, 16.9760

Conversions

Conversions Part 2

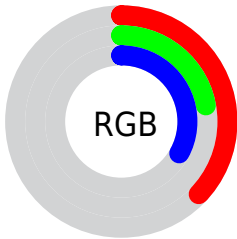
Format	Color
RYB	94, 55, 83
Decimal	6174547
CIELab	28.74, 22.04, -9.64
CIELCh	29, 24.055, 336.372
Yxy	5.7366, 0.3402, 0.2587
Android (android.graphics.Color)	4284364627 (0xFF5E3753)
YUV	69.8530, 6.4815, 21.1769
Hunter-Lab	23.9512, 14.3054, -5.2491

Details

The Hex color **5E3753** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **375E42**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **916784**, and **2F0B26** is the 20% darker color. If you saturate the color by 10%, you get **5E2E50**, and if you desaturate by 10%, it is **5E4056**.

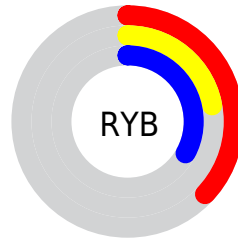
Distribution



Red (37%)

Green (22%)

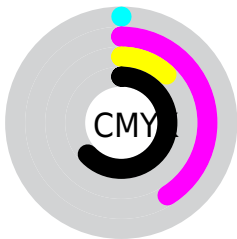
Blue (33%)



Red (37%)

Yellow (22%)

Blue (33%)

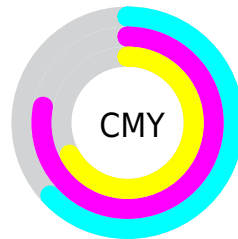


Cyan (0%)

Magenta (41%)

Yellow (12%)

Black (63%)



Cyan (63%)

Magenta (78%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E3753 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 5E3753 by changing the saturation by 10% instead.

■ 5E3753

■ 5E3753

FFFFFF

■ 46213C

■ 916784

■ 2F0B26

■ AC809F

■ 1A0011

■ C89ABA

■ 000000

■ E4B5D5

■ FFD1F2

■ FFEDFF

■ 5E3753

■ 5E3753

■ 5E2E50

■ 5E4056

 5E244E

 5E4A58

 5E1B4B

 5E535B

 5E1148

 5E5D5E

 5E0846

 5E6660

 5E0043

 5E6F63

 5E7966

 5E8268

 5E8C6B

Harmonies

Analogous

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



4B3D62



5E3753



673440

Triad

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



5E3753



4B441E



004D59

Complementary

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



5E3753



375E42

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.



004D47



5E3753



384925

Square

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



5E3753



5B3D22



1F4C34



004A65

Rectangle

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



5E3753



673634



1F4C34



004D54

Sweetspot

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



5E3753



7A6C76



41375E



3D353B



BDBDBD



3D3D3D

Same Dimension

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



5E3753



7A3D69



5E3740



2E292D



6E004F



ED00AA

Inverse Universe

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



5E3753



7A3D69



375E55



2E292D



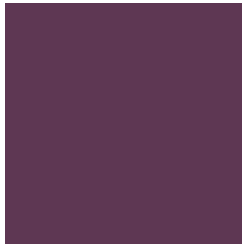
6E004F



ED00AA

Previews

White Background



This preview shows how the Hex color 5E3753 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

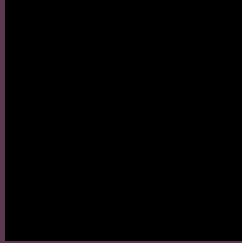
Any Text WCAG AA × Fail

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 5E3753 Background



This preview shows how black text looks on a background with the Hex color 5E3753.



This preview shows how white text looks on a background with the Hex color 5E3753.

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
5E3753

Protanopia
3D435C

Deuteranopia
454351



Tritanopia
5C3B3F

Trichromacy



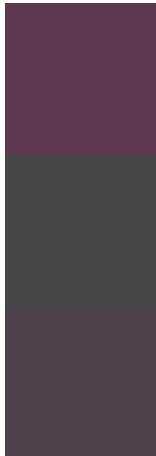
Original Color
5E3753

Protanomaly
493F59

Deuteranomaly
4E3F52

Tritanomaly
5D3A46

Monochromacy



Original Color
5E3753

Achromatopsia
464646

Achromatomaly
4F414B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E3753 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 #5E3753 looks like.

```
.text, #text, p{  
    color:#5E3753  
}
```

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 #5E3753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E3753
}
```

Border

The CSS property to change the border of an element to Hex 5E3753 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".

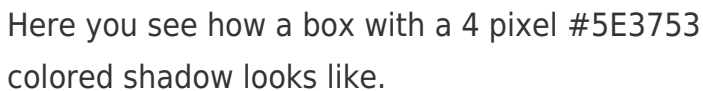
```
.border, #border, table{ border:4px solid
#5E3753 }
```

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

```
.border{ border-color:#5E3753 }
```

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

Here you see how a box with a 4 pixel #5E3753 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E3753; -webkit-box-shadow:4px 4px  
4px 4px #5E3753; box-shadow:4px 4px 4px  
4px #5E3753 }
```

Background

The CSS property to change the background color of an element to Hex 5E3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E3753 }
```

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

```
.background{ background-color:#5E3753 }
```

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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