

Converting Colors

Hex(5E3237)

Have a look what the booklet for
Hex(5E3237) contains.

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Color

Hex(5E3237)

Conversions

Conversions Part 1

Format	Color
Hex	5E3237
RGB	94, 50, 55
RGB Percent	37%, 20%, 22%
CMY	0.6314, 0.8039, 0.7843
CMYK	0.00, 0.47, 0.41, 0.63
HSL	353°, 31%, 28%
HSV	353°, 47%, 37%
XYZ	6.4463, 4.9367, 4.2276
YIQ	63.7260, 24.6190, 10.8830

Conversions

Conversions Part 2

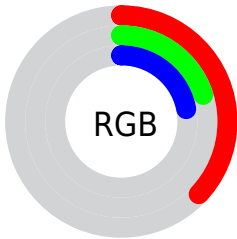
Format	Color
RYB	94, 50, 55
Decimal	6173239
CIELab	26.55, 20.48, 5.64
CIElCh	27, 21.247, 15.407
Yxy	4.9367, 0.4129, 0.3162
Android (android.graphics.Color)	4284363319 (0xFF5E3237)
YUV	63.7260, -4.3019, 26.5503
Hunter-Lab	22.2187, 12.9051, 4.2720

Details

The Hex color **5E3237** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **325E59**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **926166**, and **2E060B** is the 20% darker color. If you saturate the color by 10%, you get **5E292F**, and if you desaturate by 10%, it is **5E3B3F**.

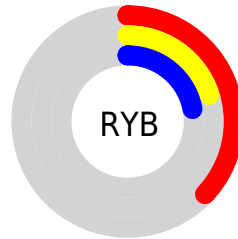
Distribution



Red (37%)

Green (20%)

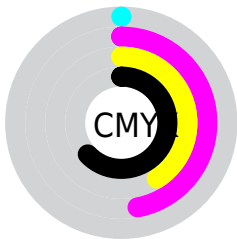
Blue (22%)



Red (37%)

Yellow (20%)

Blue (22%)

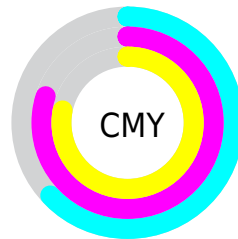


Cyan (0%)

Magenta (47%)

Yellow (41%)

Black (63%)



Cyan (63%)

Magenta (80%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E3237 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 5E3237 by changing the saturation by 10% instead.

 5E3237

 5E3237

FFFFFF

 451C22


 926166

 2E060B

 AD7A7F

 0E0000

 C99499

 000000

 E6AFB3

 FFCBCF

 FFE7EB

 5E3237

 5E3237

 5E292F

 5E3B3F

■ 5E1F26

■ 5E4548

■ 5E161E

■ 5E4E50

■ 5E0C16

■ 5E5858

■ 5E030D

■ 5E6161

■ 5E000B

■ 5E6A69

■ 5E7471

■ 5E7D7A

■ 5E8782

Harmonies

Analogous

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



593347



5E3237



5A3528

Triad

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



5E3237



2F4427



14435E

Complementary

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



5E3237



325E59

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.



004655



5E3237



184736

Square

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



5E3237



41401F



004747



343E5E

Rectangle

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



5E3237



543922



004747



04445C

Sweetspot

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



5E3237



7A696B



59325E



3D3334



BDBDBD



3D3D3D

Same Dimension

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



5E3237



7A363E



5E4332



2E292A



6E000C



ED001B

Inverse Universe

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



5E3237



7A363E



324D5E



2E292A



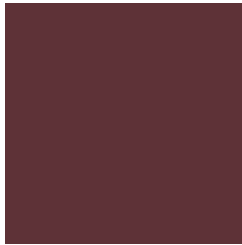
6E000C



ED001B

Previews

White Background



This preview shows how the Hex color 5E3237 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

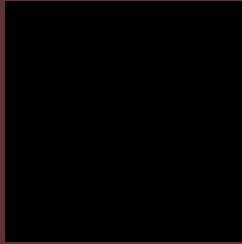
Any Text WCAG AA × Fail

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 5E3237 Background



This preview shows how black text looks on a background with the Hex color 5E3237.

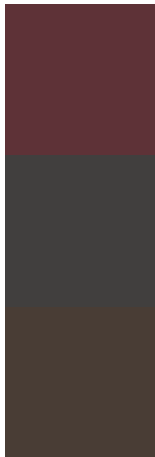


This preview shows how white text looks on a background with the Hex color 5E3237.

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
5E3237

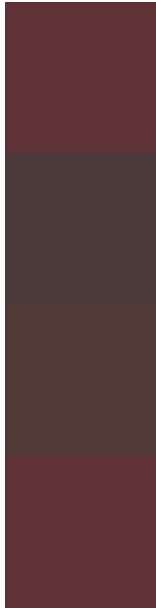
Protanopia
413F3E

Deuteranopia
493D35



Tritanopia
5E3236

Trichromacy



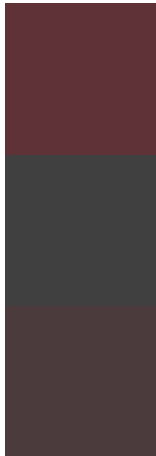
Original Color
5E3237

Protanomaly
4C3A3B

Deuteranomaly
513936

Tritanomaly
5E3236

Monochromacy



Original Color
5E3237

Achromatopsia
404040

Achromatomaly
4B3B3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E3237 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 #5E3237 looks like.

```
.text, #text, p{  
    color:#5E3237  
}
```

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 #5E3237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E3237
}
```

Border

The CSS property to change the border of an element to Hex 5E3237 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
#5E3237 }
```

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

```
.border{ border-color:#5E3237 }
```

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

Here you see how a box with a 4 pixel #5E3237 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E3237; -webkit-box-shadow:4px 4px  
4px 4px #5E3237; box-shadow:4px 4px 4px  
4px #5E3237 }
```

Background

The CSS property to change the background color of an element to Hex 5E3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E3237 }
```

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

```
.background{ background-color:#5E3237 }
```

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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