

Converting Colors

Hex(5D3637)

Have a look what the booklet for
Hex(5D3637) contains.

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Color

Hex(5D3637)

Conversions

Conversions Part 1

Format	Color
Hex	5D3637
RGB	93, 54, 55
RGB Percent	36%, 21%, 22%
CMY	0.6353, 0.7882, 0.7843
CMYK	0.00, 0.42, 0.41, 0.64
HSL	358°, 27%, 29%
HSV	358°, 42%, 36%
XYZ	6.5230, 5.2413, 4.2823
YIQ	65.7750, 22.9230, 8.5790

Conversions

Conversions Part 2

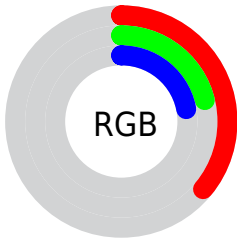
Format	Color
R_{YB}	93, 54, 55
Decimal	6108727
CIE Lab	27.41, 17.59, 6.83
CIE LCh	27, 18.872, 21.227
Yxy	5.2413, 0.4065, 0.3266
Android (android.graphics.Color)	4284298807 (0xFF5D3637)
YUV	65.7750, -5.3121, 23.8763
Hunter-Lab	22.8939, 10.7939, 4.9356

Details

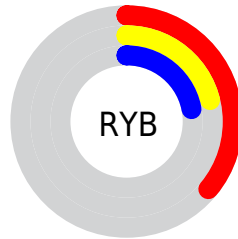
The Hex color **5D3637** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **365D5C**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **916566**, and **2D0B0B** is the 20% darker color. If you saturate the color by 10%, you get **5D2D2E**, and if you desaturate by 10%, it is **5D3F40**.

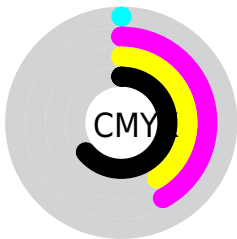
Distribution



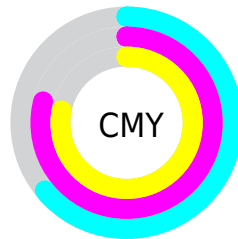
- Red (36%)
- Green (21%)
- Blue (22%)



- Red (36%)
- Yellow (21%)
- Blue (22%)



- Cyan (0%)
- Magenta (42%)
- Yellow (41%)
- Black (64%)



- Cyan (64%)
- Magenta (79%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D3637 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 5D3637 by changing the saturation by 10% instead.

 5D3637

 5D3637

FFFFFF

 442022

 916566

 2D0B0B

 AC7F7F

 100000

 C89999

 000000

 E4B3B3

 FFCFCF

 FFEBEB

 5D3637

 5D3637

 5D2D2E

 5D3F40

■ 5D2325

■ 5D4949

■ 5D1A1C

■ 5D5252

■ 5D1113

■ 5D5B5B

■ 5D070A

■ 5D6564

■ 5D0002

■ 5D6E6D

■ 5D7776

■ 5D807F

■ 5D8A89

Harmonies

Analogous

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



5A3646



5D3637



58392B

Triad

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



5D3637



2F462E



24435D

Complementary

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



5D3637



365D5C

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.



0B4757



5D3637



1D483C

Square

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



5D3637



404325



08484B



3C3F5C

Rectangle

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



5D3637



523D26



08484B



1C455C

Sweetspot

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



5D3637



786869



5C365D



3D3334



BDBDBD



3D3D3D

Same Dimension

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



5D3637



783C3D



5D4836



2E2929



6E0003



ED0006

Inverse Universe

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



5D3637



783C3D



364B5D



2E2929



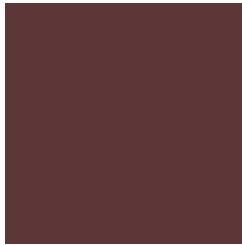
6E0003



ED0006

Previews

White Background



This preview shows how the Hex color 5D3637 looks on a white background.

Color Contrast Check

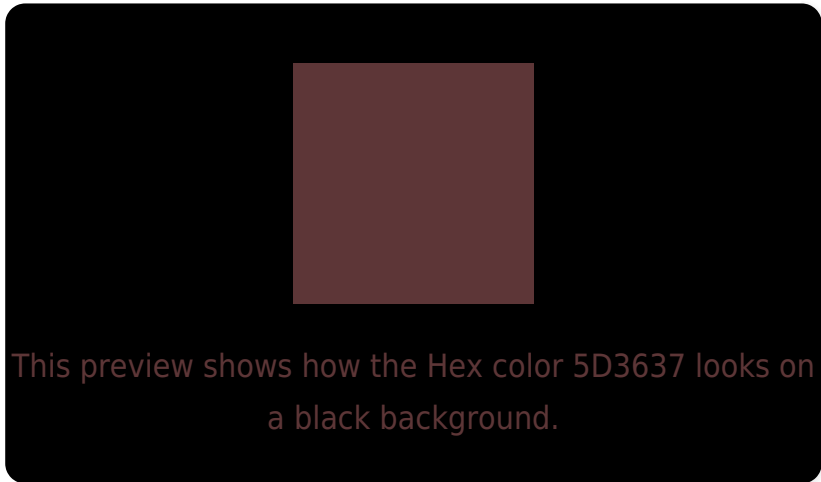
Large Text (above 18pt) WCAG AA ✓ Pass

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 5D3637 Background



This preview shows how black text looks on a background with the Hex color 5D3637.

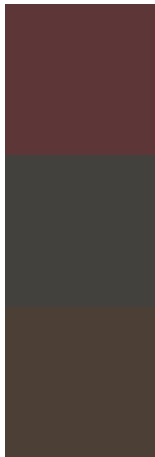


This preview shows how white text looks on a background with the Hex color 5D3637.

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
5D3637

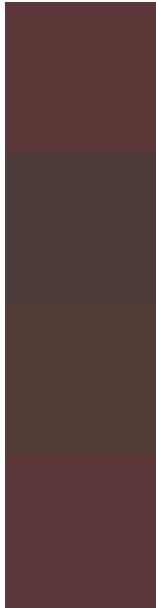
Protanopia
43413D

Deuteranopia
4C3F35



Tritanopia
5D363A

Trichromacy



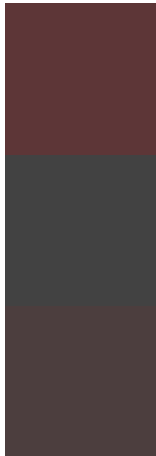
Original Color
5D3637

Protanomaly
4C3D3B

Deuteranomaly
523C36

Tritanomaly
5D3639

Monochromacy



Original Color
5D3637

Achromatopsia
424242

Achromatomaly
4C3E3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D3637 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 #5D3637 looks like.

```
.text, #text, p{  
  color:#5D3637  
}
```

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 #5D3637 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D3637
}
```

Border

The CSS property to change the border of an element to Hex 5D3637 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".

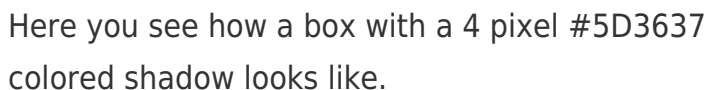
```
.border, #border, table{ border:4px solid
#5D3637 }
```

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

```
.border{ border-color:#5D3637 }
```

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

Here you see how a box with a 4 pixel #5D3637 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D3637; -webkit-box-shadow:4px 4px  
4px 4px #5D3637; box-shadow:4px 4px 4px  
4px #5D3637 }
```

Background

The CSS property to change the background color of an element to Hex 5D3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D3637 }
```

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

```
.background{ background-color:#5D3637 }
```

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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