

Converting Colors

Hex(5D3633)

Have a look what the booklet for
Hex(5D3633) contains.

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Color

Hex(5D3633)

Conversions

Conversions Part 1

Format	Color
Hex	5D3633
RGB	93, 54, 51
RGB Percent	36%, 21%, 20%
CMY	0.6353, 0.7882, 0.8000
CMYK	0.00, 0.42, 0.45, 0.64
HSL	4°, 29%, 28%
HSV	4°, 45%, 36%
XYZ	6.4309, 5.2045, 3.7976
YIQ	65.3190, 24.2070, 7.3350

Conversions

Conversions Part 2

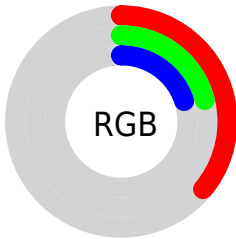
Format	Color
R_YB	93, 54, 51
Decimal	6108723
CIE Lab	27.31, 17.06, 9.33
CIE LCh	27, 19.446, 28.661
Yxy	5.2045, 0.4167, 0.3372
Android (android.graphics.Color)	4284298803 (0xFF5D3633)
YUV	65.3190, -7.0593, 24.2762
Hunter-Lab	22.8134, 10.3943, 6.0998

Details

The Hex color **5D3633** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **335A5D**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **916561**, and **2D0B05** is the 20% darker color. If you saturate the color by 10%, you get **5D2D2A**, and if you desaturate by 10%, it is **5D3F3C**.

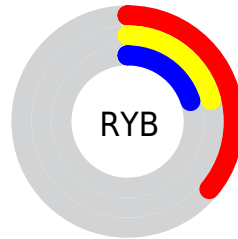
Distribution



Red (36%)

Green (21%)

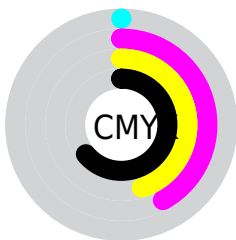
Blue (20%)



Red (36%)

Yellow (21%)

Blue (20%)

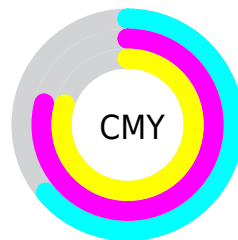


Cyan (0%)

Magenta (42%)

Yellow (45%)

Black (64%)



Cyan (64%)

Magenta (79%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D3633 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 5D3633 by changing the saturation by 10% instead.

 5D3633

 5D3633

FFFFFF

 44201E

 916561

 2D0B05

 AC7E7A

 0E0000

 C89994

 000000

 E4B3AE

 FFCFCA

 FFEBE6

 5D3633

 5D3633

 5D2D2A

 5D3F3C

■ 5D2520

■ 5D4746

■ 5D1C17

■ 5D504F

■ 5D130E

■ 5D5958

■ 5D0B05

■ 5D6162

■ 5D0700

■ 5D6A6B

■ 5D7274

■ 5D7B7D

■ 5D8487

Harmonies

Analogous

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



5C3542



5D3633



573A28

Triad

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



5D3633



2A4731



29425E

Complementary

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



5D3633



335A5D

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.



0D465A



5D3633



15483F

Square

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



5D3633



3C4426



00484E



413D5B

Rectangle

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



5D3633



4F3E23



00484E



20445D

Sweetspot

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



5D3633



786867



5D335A



3D3433



BDBDBD



3D3D3D

Same Dimension

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



5D3633



783C37



5D4B33



2E2A29



6E0800



ED1100

Inverse Universe

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



335A5D



377378



33455D



292E2E



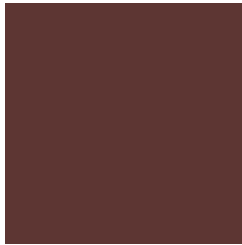
00666E



00DCED

Previews

White Background



This preview shows how the Hex color 5D3633 looks on a white background.

Color Contrast Check

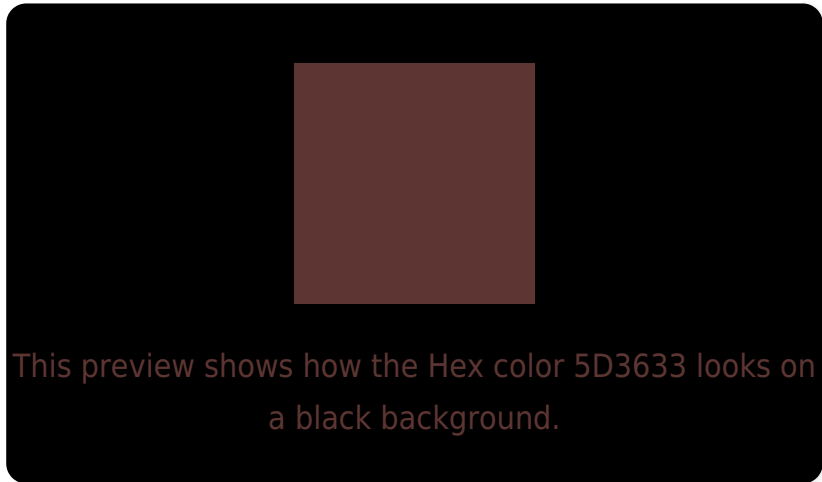
Large Text (above 18pt) WCAG AA ✓ Pass

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 5D3633 Background



This preview shows how black text looks on a background with the Hex color 5D3633.

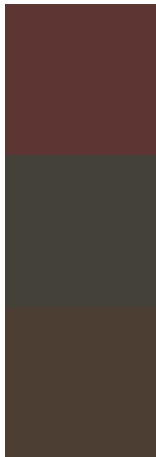


This preview shows how white text looks on a background with the Hex color 5D3633.

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
5D3633

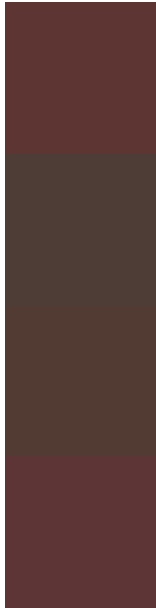
Protanopia
444138

Deuteranopia
4C3E32



Tritanopia
5D3539

Trichromacy



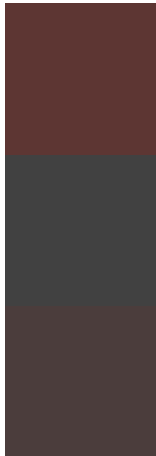
Original Color
5D3633

Protanomaly
4D3D36

Deuteranomaly
523B32

Tritanomaly
5D3537

Monochromacy



Original Color
5D3633

Achromatopsia
414141

Achromatomaly
4B3D3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D3633 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 #5D3633 looks like.

```
.text, #text, p{  
    color:#5D3633  
}
```

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 #5D3633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D3633
}
```

Border

The CSS property to change the border of an element to Hex 5D3633 is called "border". The border property can be set on classes, ids or directly on the HTML element.

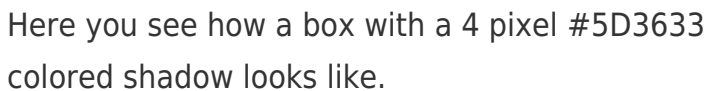
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D3633 }
```

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

```
.border{ border-color:#5D3633 }
```

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



Here you see how a box with a 4 pixel #5D3633 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D3633; -webkit-box-shadow:4px 4px  
4px 4px #5D3633; box-shadow:4px 4px 4px  
4px #5D3633 }
```

Background

The CSS property to change the background color of an element to Hex 5D3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D3633 }
```

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

```
.background{ background-color:#5D3633 }
```

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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