

Converting Colors

Hex(5D3431)

Have a look what the booklet for
Hex(5D3431) contains.

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Color

Hex(5D3431)

Conversions

Conversions Part 1

Format	Color
Hex	5D3431
RGB	93, 52, 49
RGB Percent	36%, 20%, 19%
CMY	0.6353, 0.7961, 0.8078
CMYK	0.00, 0.44, 0.47, 0.64
HSL	4°, 31%, 28%
HSV	4°, 47%, 36%
XYZ	6.2966, 5.0049, 3.5399
YIQ	63.9170, 25.3990, 7.7590

Conversions

Conversions Part 2

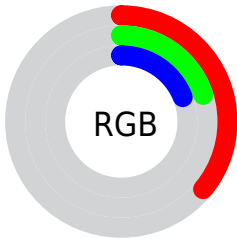
Format	Color
RYB	93, 52, 49
Decimal	6108209
CIELab	26.75, 18.05, 9.87
CIELCh	27, 20.575, 28.673
Yxy	5.0049, 0.4243, 0.3372
Android (android.graphics.Color)	4284298289 (0xFF5D3431)
YUV	63.9170, -7.3541, 25.5058
Hunter-Lab	22.3716, 11.0891, 6.2786

Details

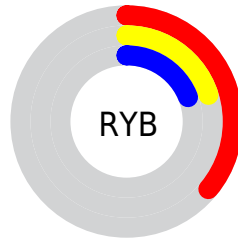
The Hex color **5D3431** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **315A5D**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **91635F**, and **2D0801** is the 20% darker color. If you saturate the color by 10%, you get **5D2B28**, and if you desaturate by 10%, it is **5D3D3A**.

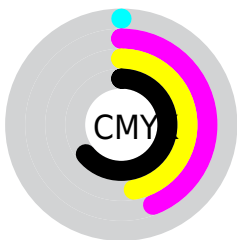
Distribution



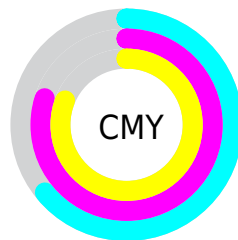
- Red (36%)
- Green (20%)
- Blue (19%)



- Red (36%)
- Yellow (20%)
- Blue (19%)



- Cyan (0%)
- Magenta (44%)
- Yellow (47%)
- Black (64%)



- Cyan (64%)
- Magenta (80%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D3431 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 5D3431 by changing the saturation by 10% instead.

 5D3431

 5D3431

FFFFFF

 441E1C

 91635F

 2D0801

 AC7C78

 0B0000

 C89691

 000000

 E5B1AC

 FFCDC7

 FFE9E3

 5D3431

 5D3431

 5D2B28

 5D3D3A

■ 5D231E

■ 5D4544

■ 5D1A15

■ 5D4E4D

■ 5D110C

■ 5D5756

■ 5D0902

■ 5D5F5F

■ 5D0600

■ 5D6869

■ 5D7172

■ 5D797B

■ 5D8285

Harmonies

Analogous

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



5C3341



5D3431



563925

Triad

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



5D3431



27462E



26415E

Complementary

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



5D3431



315A5D

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.



01455A



5D3431



0E473E

Square

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



5D3431



3A4323



00474E



403B5B

Rectangle

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



5D3431



4E3C20



00474E



1B435E

Sweetspot

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



5D3431



786867



5D315A



3D3433



BDBDBD



3D3D3D

Same Dimension

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



5D3431



783834



5D4A31



2E2A29



6E0700



ED1000

Inverse Universe

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



315A5D



347378



31445D



292E2E



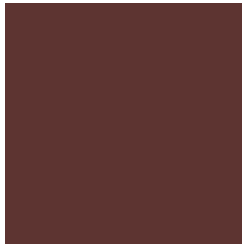
00666E



00DDED

Previews

White Background



This preview shows how the Hex color 5D3431 looks on a white background.

Color Contrast Check

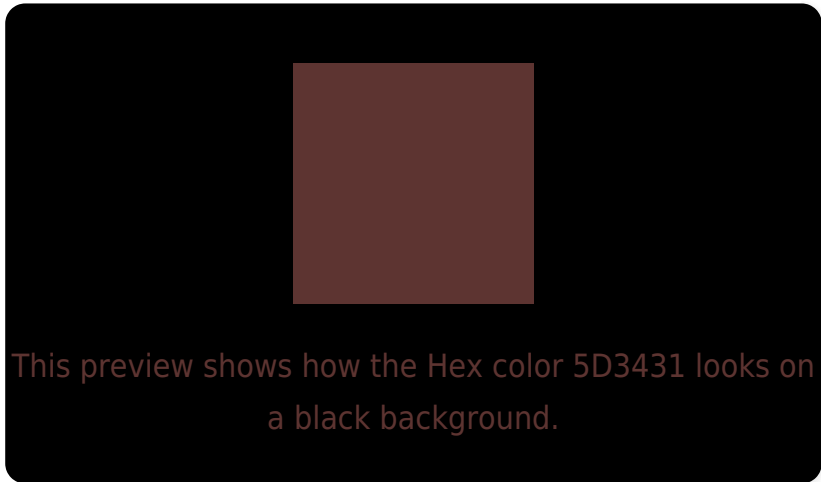
Large Text (above 18pt) WCAG AA ✓ Pass

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

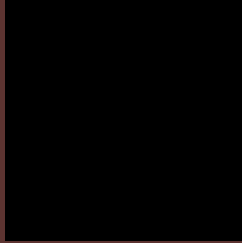
Any Text WCAG AA × Fail

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 5D3431 Background



This preview shows how black text looks on a background with the Hex color 5D3431.

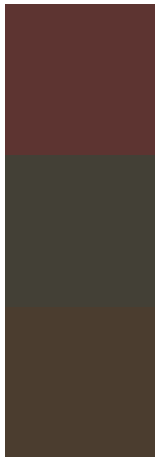


This preview shows how white text looks on a background with the Hex color 5D3431.

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
5D3431

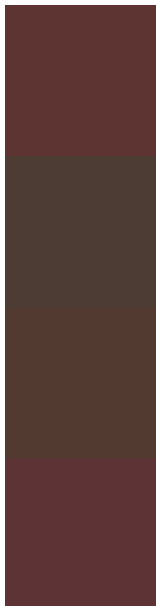
Protanopia
434036

Deuteranopia
4B3D2F



Tritanopia
5D3337

Trichromacy



Original Color

5D3431

Protanomaly

4C3C34

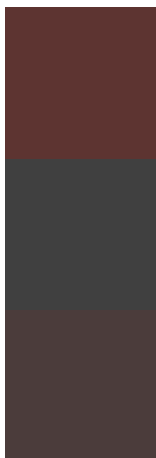
Deuteranomaly

523A30

Tritanomaly

5D3335

Monochromacy



Original Color

5D3431

Achromatopsia

404040

Achromatomaly

4B3C3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D3431 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 #5D3431 looks like.

```
.text, #text, p{  
    color:#5D3431  
}
```

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 #5D3431 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D3431
}
```

Border

The CSS property to change the border of an element to Hex 5D3431 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".

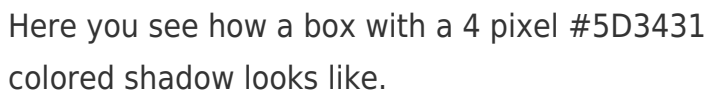
```
.border, #border, table{ border:4px solid
#5D3431 }
```

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

```
.border{ border-color:#5D3431 }
```

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

Here you see how a box with a 4 pixel #5D3431 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D3431; -webkit-box-shadow:4px 4px  
4px 4px #5D3431; box-shadow:4px 4px 4px  
4px #5D3431 }
```

Background

The CSS property to change the background color of an element to Hex 5D3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D3431 }
```

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

```
.background{ background-color:#5D3431 }
```

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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