

Converting Colors

Hex(5D3523)

Have a look what the booklet for
Hex(5D3523) contains.

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Color

Hex(5D3523)

Conversions

Conversions Part 1

Format	Color
Hex	5D3523
RGB	93, 53, 35
RGB Percent	36%, 21%, 14%
CMY	0.6353, 0.7922, 0.8627
CMYK	0.00, 0.43, 0.62, 0.64
HSL	19°, 45%, 25%
HSV	19°, 62%, 36%
XYZ	6.0907, 4.9947, 2.2332
YIQ	62.9080, 29.6180, 2.8820

Conversions

Conversions Part 2

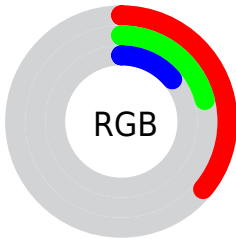
Format	Color
RYB	93, 61, 35
Decimal	6108451
CIELab	26.72, 15.95, 18.91
CIElCh	27, 24.736, 49.856
Yxy	4.9947, 0.4573, 0.3750
Android (android.graphics.Color)	4284298531 (0xFF5D3523)
YUV	62.9080, -13.7586, 26.3907
Hunter-Lab	22.3489, 9.5357, 9.7197

Details

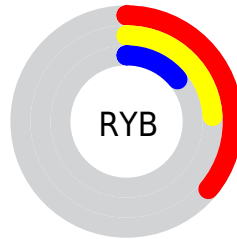
The Hex color **5D3523** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **234B5D**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **926450**, and **2C0A00** is the 20% darker color. If you saturate the color by 10%, you get **5D2F1A**, and if you desaturate by 10%, it is **5D3B2C**.

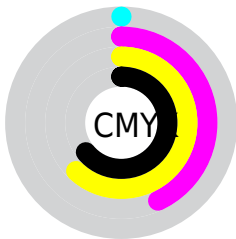
Distribution



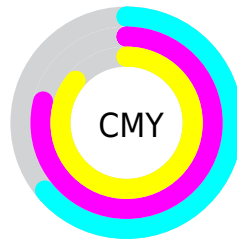
- Red (36%)
- Green (21%)
- Blue (14%)



- Red (36%)
- Yellow (24%)
- Blue (14%)



- Cyan (0%)
- Magenta (43%)
- Yellow (62%)
- Black (64%)



- Cyan (64%)
- Magenta (79%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D3523 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 5D3523 by changing the saturation by 10% instead.



5D3523



5D3523

FFFFFF



441F0E



926450



2C0A00



AD7D68



050000



CA9781



000000



E6B29B



FFCDB6



FFEAD2



FFFFEE



5D3523



5D3523

■ 5D2F1A

■ 5D3B2C

■ 5D2810

■ 5D4236

■ 5D2207

■ 5D483F

■ 5D1D00

■ 5D4F48

■ 5D5552

■ 5D5B5B

■ 5D6264

■ 5D686D

■ 5D6F77

Harmonies

Analogous

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



633033



5D3523



503C19

Triad

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



5D3523



044838



363D63

Complementary

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



5D3523



234B5D

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.



084364



5D3523



00494B

Square

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



5D3523



284626



00475C



503558

Rectangle

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



5D3523



444019



00475C



2B3F64

Sweetspot

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



5D3523



786861



5D234C



3D332F



BDBDBD



3D3D3D

Same Dimension

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



5D3523



783A1E



5D5123



2E2B29



6E2200



ED4A00

Inverse Universe

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



234B5D



1E5C78



232F5D



292C2E



004C6E



00A4ED

Previews

White Background



This preview shows how the Hex color 5D3523 looks on a white background.

Color Contrast Check

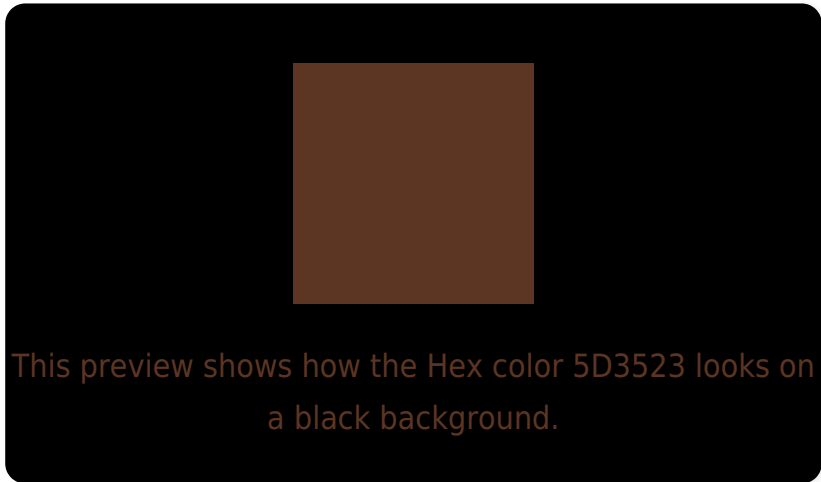
Large Text (above 18pt) WCAG AA ✓ Pass

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

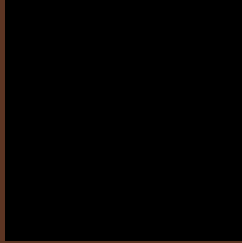
Any Text WCAG AA × Fail

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 5D3523 Background



This preview shows how black text looks on a background with the Hex color 5D3523.

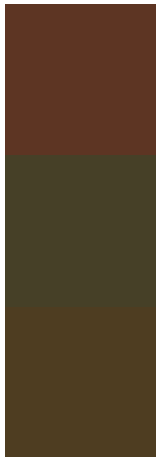


This preview shows how white text looks on a background with the Hex color 5D3523.

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
5D3523

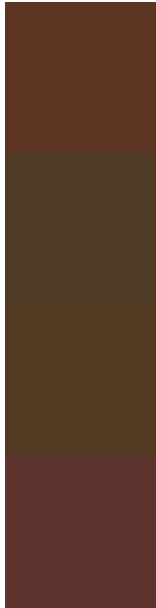
Protanopia
464027

Deuteranopia
4E3D21



Tritanopia
5E3336

Trichromacy



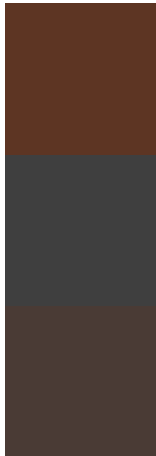
Original Color
5D3523

Protanomaly
4E3C26

Deuteranomaly
533A22

Tritanomaly
5E342F

Monochromacy



Original Color
5D3523

Achromatopsia
3F3F3F

Achromatomaly
4A3B35

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D3523 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 #5D3523 looks like.

```
.text, #text, p{  
    color:#5D3523  
}
```

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 #5D3523 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D3523
}
```

Border

The CSS property to change the border of an element to Hex 5D3523 is called "border". The border property can be set on classes, ids or directly on the HTML element.

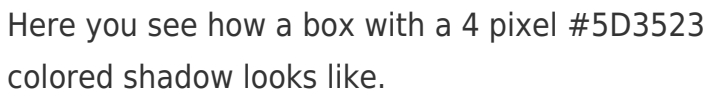
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D3523 }
```

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

```
.border{ border-color:#5D3523 }
```

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



Here you see how a box with a 4 pixel #5D3523 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D3523; -webkit-box-shadow:4px 4px  
4px 4px #5D3523; box-shadow:4px 4px 4px  
4px #5D3523 }
```

Background

The CSS property to change the background color of an element to Hex 5D3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D3523 }
```

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

```
.background{ background-color:#5D3523 }
```

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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