

Converting Colors

Hex(523B2D)

Have a look what the booklet for
Hex(523B2D) contains.

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Color

Hex(523B2D)

Conversions

Conversions Part 1

Format	Color
Hex	523B2D
RGB	82, 59, 45
RGB Percent	32%, 23%, 18%
CMY	0.6784, 0.7686, 0.8235
CMYK	0.00, 0.28, 0.45, 0.68
HSL	23°, 29%, 25%
HSV	23°, 45%, 32%
XYZ	5.5173, 5.1112, 3.1784
YIQ	64.2810, 18.2020, 0.5220

Conversions

Conversions Part 2

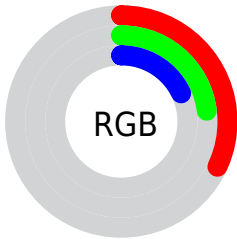
Format	Color
RYB	82, 68, 45
Decimal	5389101
CIELab	27.05, 8.04, 12.64
CIELCh	27, 14.982, 57.546
Yxy	5.1112, 0.3996, 0.3702
Android (android.graphics.Color)	4283579181 (0xFF523B2D)
YUV	64.2810, -9.5055, 15.5396
Hunter-Lab	22.6080, 3.9973, 7.4902




Details

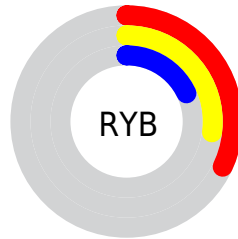
The Hex color **523B2D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D4452**, and the grayscale version is **404040**.




A 20% lighter version of the original color is **856A5B**, and **251100** is the 20% darker color. If you saturate the color by 10%, you get **523625**, and if you desaturate by 10%, it is **524035**.

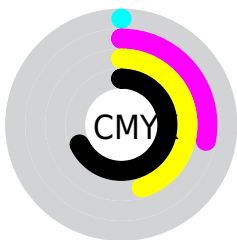
Distribution







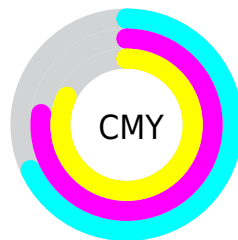
-  Red (32%)
-  Green (23%)
-  Blue (18%)






-  Red (32%)
-  Yellow (27%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (28%)
-  Yellow (45%)
-  Black (68%)



-  Cyan (68%)
-  Magenta (77%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 523B2D 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 523B2D by changing the saturation by 10% instead.



523B2D



523B2D

FFFFFF



3A2518



856A5B



251100



9F8373



000000



BA9E8D



D6B8A7



F3D4C3



FFF0DE



FFFFFFB



523B2D



523B2D

■ 523625

■ 524035

■ 52311D

■ 52453D

■ 522C14

■ 524A46

■ 52270C

■ 524F4E

■ 522204

■ 525456

■ 521F00

■ 525A5E

■ 525F66

■ 52646F

■ 526977

Harmonies

Analogous

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



573836



523B2D



493F29

Triad

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



523B2D



23463F



403D54

Complementary

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



523B2D



2D4452

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.



304157



523B2D



1B464A

Square

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



523B2D



304533



204453



4E3A4C

Rectangle

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



523B2D



41412A



204453



3B3F56

Sweetspot

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



523B2D



6B625C



522D44



36302C



B5B5B5



363636

Same Dimension

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



523B2D



6B4731



524D2D



292625



692800



E85800

Inverse Universe

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



2D4452



31556B



2D3252



252729



004169



0090E8

Previews

White Background



This preview shows how the Hex color 523B2D looks on a white background.

Color Contrast Check

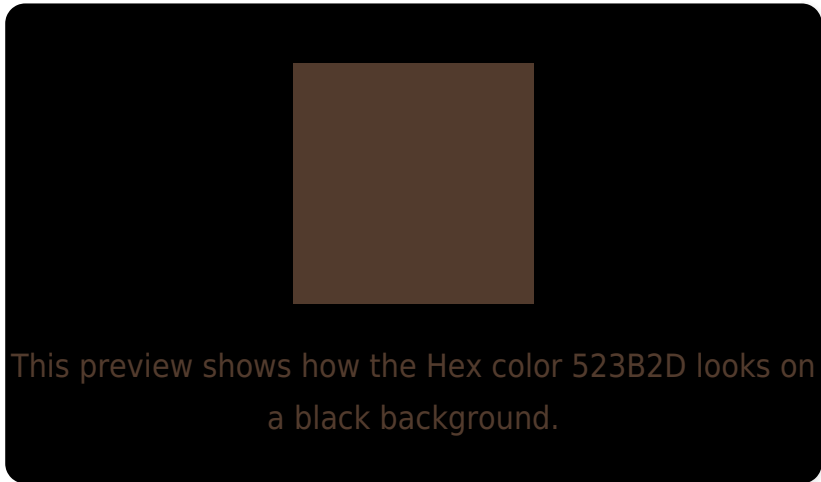
Large Text (above 18pt) WCAG AA ✓ Pass

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

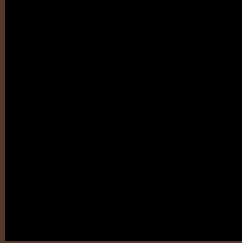
Any Text WCAG AA × Fail

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 523B2D Background



This preview shows how black text looks on a background with the Hex color 523B2D.

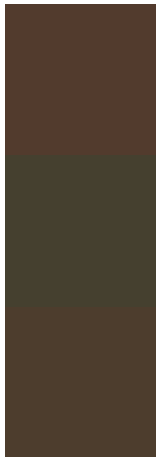


This preview shows how white text looks on a background with the Hex color 523B2D.

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
523B2D

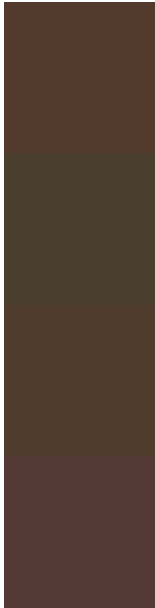
Protanopia
45402F

Deuteranopia
4D3D2D



Tritanopia
53393D

Trichromacy



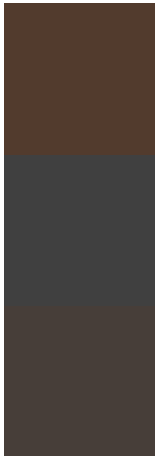
Original Color
523B2D

Protanomaly
4A3E2E

Deuteranomaly
4F3C2D

Tritanomaly
533A37

Monochromacy



Original Color
523B2D

Achromatopsia
404040

Achromatomaly
473E39

CSS Examples

Text

The CSS property to change the color of the text to Hex 523B2D 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 #523B2D looks like.

```
.text, #text, p{  
    color:#523B2D  
}
```

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 #523B2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #523B2D
}
```

Border

The CSS property to change the border of an element to Hex 523B2D is called "border". The border property can be set on classes, ids or directly on the HTML element.

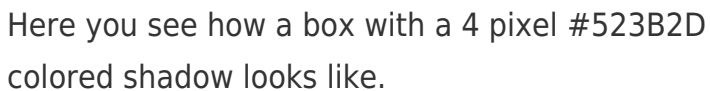
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#523B2D }
```

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

```
.border{ border-color:#523B2D }
```

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



Here you see how a box with a 4 pixel #523B2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #523B2D; -webkit-box-shadow:4px 4px  
4px 4px #523B2D; box-shadow:4px 4px 4px  
4px #523B2D }
```

Background

The CSS property to change the background color of an element to Hex 523B2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#523B2D }
```

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

```
.background{ background-color:#523B2D }
```

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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