

Converting Colors

Hex(523D00)

Have a look what the booklet for
Hex(523D00) contains.

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Color

Hex(523D00)

Conversions

Conversions Part 1

Format	Color
Hex	523D00
RGB	82, 61, 0
RGB Percent	32%, 24%, 0%
CMY	0.6784, 0.7608, 1.0000
CMYK	0.00, 0.26, 1.00, 0.68
HSL	45°, 100%, 16%
HSV	45°, 100%, 32%
XYZ	5.1484, 5.1313, 0.7191
YIQ	60.3250, 32.0970, -14.5190

Conversions

Conversions Part 2

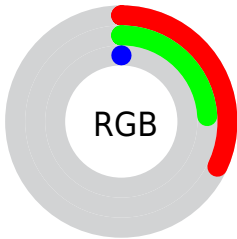
Format	Color
R_{YB}	28, 82, 0
Decimal	5389568
CIE _{Lab}	27.11, 3.38, 36.45
CIE _{LCh}	27, 36.605, 84.698
Yxy	5.1313, 0.4681, 0.4665
Android (android.graphics.Color)	4283579648 (0xFF523D00)
YUV	60.3250, -29.7402, 19.0090
Hunter-Lab	22.6524, 0.9275, 13.9746

Details

The Hex color **523D00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **001552**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **876C31**, and **201300** is the 20% darker color. If you saturate the color by 10%, you get **523D00**, and if you desaturate by 10%, it is **523F08**.

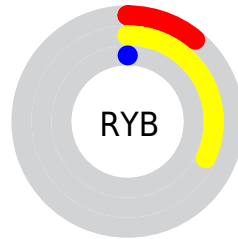
Distribution



Red (32%)

Green (24%)

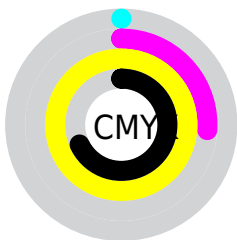
Blue (0%)



Red (11%)

Yellow (32%)

Blue (0%)

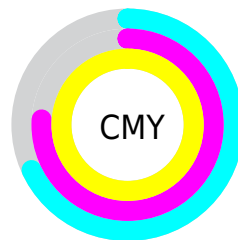


Cyan (0%)

Magenta (26%)

Yellow (100%)

Black (68%)



Cyan (68%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 523D00 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 523D00 by changing the saturation by 10% instead.

 523D00

 523D00

 FFFFE8

 392700

 876C31

 201300

 A28549

 000000

 BE9F61

 DBBA7B

 F8D695

 FFF2B0

 FFFFCC

 523D00

■ 523F08

■ 524110

■ 524319

■ 524521

■ 524729

■ 524A31

■ 524C39

■ 524E42

■ 52504A

Harmonies

Analogous

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



663212



523D00



374505

Triad

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



523D00



004D57



5D2E61

Complementary

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



523D00



001552

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.



363B73



523D00



004B6D

Square

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



523D00



004D3A



004578



6F2446

Rectangle

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



523D00



204915



004578



533268

Sweetspot

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



523D00



6B634B



520016



363122



B5B5B5



363636

Same Dimension

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



523D00



6B5000



3F5200



292825



694E00



E8AD00

Inverse Universe

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



001552



001B6B



130052



252629



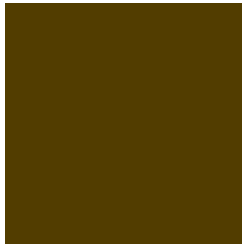
001B69



003BE8

Previews

White Background



This preview shows how the Hex color 523D00 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

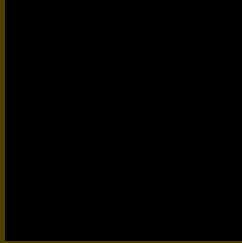
Any Text WCAG AA × Fail

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 523D00 Background



This preview shows how black text looks on a background with the Hex color 523D00.



This preview shows how white text looks on a background with the Hex color 523D00.

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
523D00

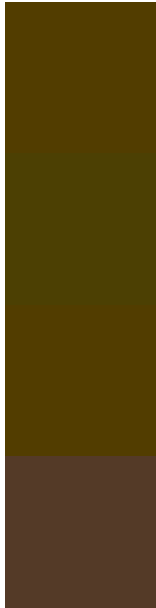
Protanopia
494105

Deuteranopia
523D00



Tritanopia
55393D

Trichromacy



Original Color
523D00

Protanomaly
4C4003

Deuteranomaly
523D00

Tritanomaly
543A27

Monochromacy



Original Color
523D00

Achromatopsia
3C3C3C

Achromatomaly
443C26

CSS Examples

Text

The CSS property to change the color of the text to Hex 523D00 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 #523D00 looks like.

```
.text, #text, p{  
    color:#523D00  
}
```

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 #523D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #523D00
}
```

Border

The CSS property to change the border of an element to Hex 523D00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

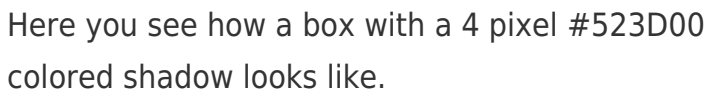
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#523D00 }
```

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

```
.border{ border-color:#523D00 }
```

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



Here you see how a box with a 4 pixel #523D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #523D00; -webkit-box-shadow:4px 4px  
4px 4px #523D00; box-shadow:4px 4px 4px  
4px #523D00 }
```

Background

The CSS property to change the background color of an element to Hex 523D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#523D00 }
```

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

```
.background{ background-color:#523D00 }
```

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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