

# Converting Colors

Hex(503D00)

Have a look what the booklet for  
Hex(503D00) contains.

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**Color**

**Hex(503D00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	503D00
RGB	80, 61, 0
RGB Percent	31%, 24%, 0%
CMY	0.6863, 0.7608, 1.0000
CMYK	0.00, 0.24, 1.00, 0.69
HSL	46°, 100%, 16%
HSV	46°, 100%, 31%
XYZ	4.9770, 5.0430, 0.7111
YIQ	59.7270, 30.9050, -14.9430

# Conversions

## Conversions Part 2

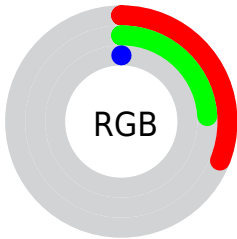
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 80, 0
Decimal	5258496
CIE <sub>Lab</sub>	26.86, 2.33, 36.13
CIE <sub>LCh</sub>	27, 36.209, 86.307
Yxy	5.0430, 0.4638, 0.4699
Android (android.graphics.Color)	4283448576 (0xFF503D00)
YUV	59.7270, -29.4454, 17.7794
Hunter-Lab	22.4565, 0.2618, 13.8422

# Details

The Hex color **503D00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **001350**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **856C31**, and **1F1300** is the 20% darker color. If you saturate the color by 10%, you get **503D00**, and if you desaturate by 10%, it is **503F08**.

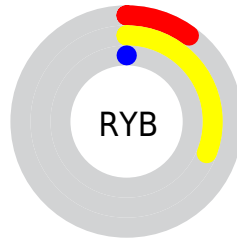
# Distribution



Red (31%)

Green (24%)

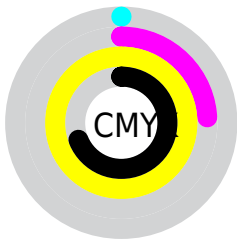
Blue (0%)



Red (10%)

Yellow (31%)

Blue (0%)

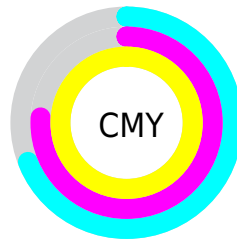


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (69%)



Cyan (69%)

Magenta (76%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 503D00 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 503D00 by changing the saturation by 10% instead.



 503D00

 503D00

 FFFFE8

 372700

 856C31

 1F1300

 A08549

 000000

 BC9F61

 D8BA7B

 F6D695

 FFF2B0

 FFFFCC

 503D00

■ 503F08

■ 504110

■ 504318

■ 504520

■ 504728

■ 504830

■ 504A38

■ 504C40

■ 504E48

# Harmonies

## Analogous

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



643211



503D00



354507

# Triad

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



503D00



004C57



5D2D5F

# Complementary

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



503D00



001350

# 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.



393A71



503D00



004A6D

# Square

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



503D00



004C3B



004477



6F2444

# Rectangle

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



503D00



1E4916



004477



543166



# Sweetspot

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



503D00



696149



500014



363122



B5B5B5



363636



# Same Dimension

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



503D00



695000



3C5000



292825



E8B100

# Inverse Universe

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



001350



001969



140050



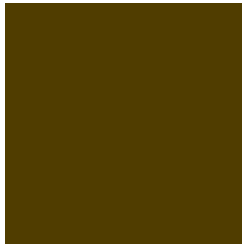
252629



0037E8

# Previews

## White Background



This preview shows how the Hex color 503D00 looks on a white background.

## Color Contrast Check

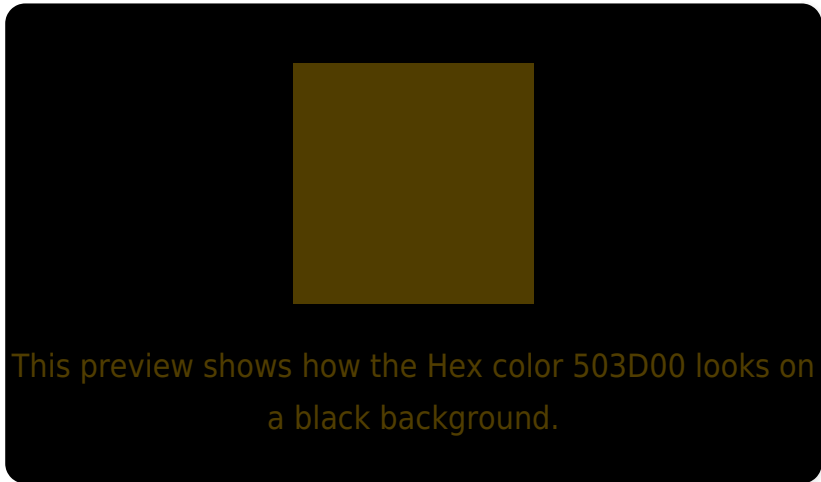
Large Text (above 18pt) WCAG AA ✓ Pass

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

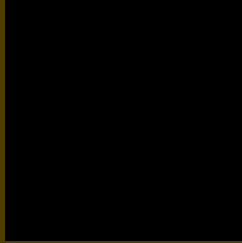
Any Text WCAG AA × Fail

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 503D00 Background



This preview shows how black text looks on a background with the Hex color 503D00.



This preview shows how white text looks on a background with the Hex color 503D00.

# 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**  
503D00

**Protanopia**  
484004

**Deuteranopia**  
513D03





**Tritanopia**  
53393D

# Trichromacy



**Original Color**  
503D00

**Protanomaly**  
4B3F03

**Deuteranomaly**  
513D02

**Tritanomaly**  
523A27

# Monochromacy



**Original Color**  
503D00

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
433C26

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 503D00 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 #503D00 looks like.

```
.text, #text, p{  
    color:#503D00  
}
```

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 #503D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #503D00
}
```

## Border

The CSS property to change the border of an element to Hex 503D00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

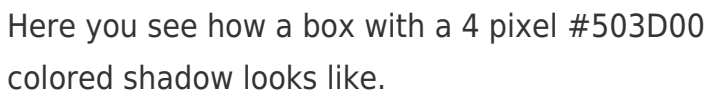
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#503D00 }
```

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

```
.border{ border-color:#503D00 }
```

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



Here you see how a box with a 4 pixel #503D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #503D00; -webkit-box-shadow:4px 4px  
4px 4px #503D00; box-shadow:4px 4px 4px  
4px #503D00 }
```

# Background

The CSS property to change the background color of an element to Hex 503D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#503D00 }
```

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

```
.background{ background-color:#503D00 }
```

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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