

Converting Colors

Hex(503400)

Have a look what the booklet for
Hex(503400) contains.

Hex(503400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(503400)

Conversions

Conversions Part 1

Format	Color
Hex	503400
RGB	80, 52, 0
RGB Percent	31%, 20%, 0%
CMY	0.6863, 0.7961, 1.0000
CMYK	0.00, 0.35, 1.00, 0.69
HSL	39°, 100%, 16%
HSV	39°, 100%, 31%
XYZ	4.5363, 4.1615, 0.5642
YIQ	54.4440, 33.3800, -10.2360

Conversions

Conversions Part 2

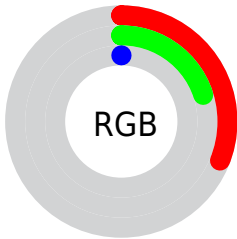
Format	Color
R_YB	43, 80, 0
Decimal	5256192
CIE Lab	24.20, 8.10, 33.65
CIE LCh	24, 34.612, 76.469
Yxy	4.1615, 0.4898, 0.4493
Android (android.graphics.Color)	4283446272 (0xFF503400)
YUV	54.4440, -26.8409, 22.4126
Hunter-Lab	20.3996, 3.9935, 12.6401

Details

The Hex color **503400** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **001C50**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **856230**, and **1F0800** is the 20% darker color. If you saturate the color by 10%, you get **503400**, and if you desaturate by 10%, it is **503708**.

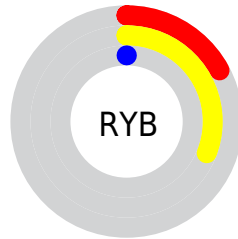
Distribution



Red (31%)

Green (20%)

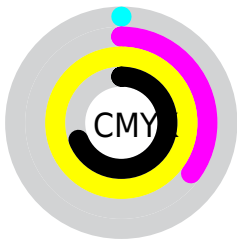
Blue (0%)



Red (17%)

Yellow (31%)

Blue (0%)

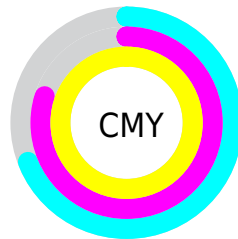


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (69%)



Cyan (69%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 503400 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 503400 by changing the saturation by 10% instead.

 503400

 503400

 FFFFE6

 371F00

 856230

 1F0800

 A07B47

 000000

 BC9560

 D9B079

 F6CB93

 FFE7AE

 FFFFC9

 503400

■ 503708

■ 503A10

■ 503C18

■ 503F20

■ 504228

■ 504530

■ 504838

■ 504A40

■ 504D48

Harmonies

Analogous

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



612914



503400



393D00

Triad

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



503400



004648



4D2C5E

Complementary

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



503400



001C50

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.



20386C



503400



00445F

Square

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



503400



00452C



00406C



622146

Rectangle

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



503400



25410B



00406C



413064

Sweetspot

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



503400



695E49



50001C



362F22



B5B5B5



363636

Same Dimension

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



503400



694400



445000



292725



E89700

Inverse Universe

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



001C50



002569



0C0050



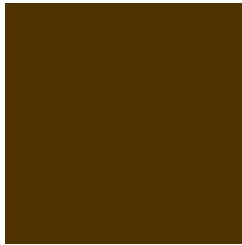
252629



0051E8

Previews

White Background



This preview shows how the Hex color 503400 looks on a white background.

Color Contrast Check

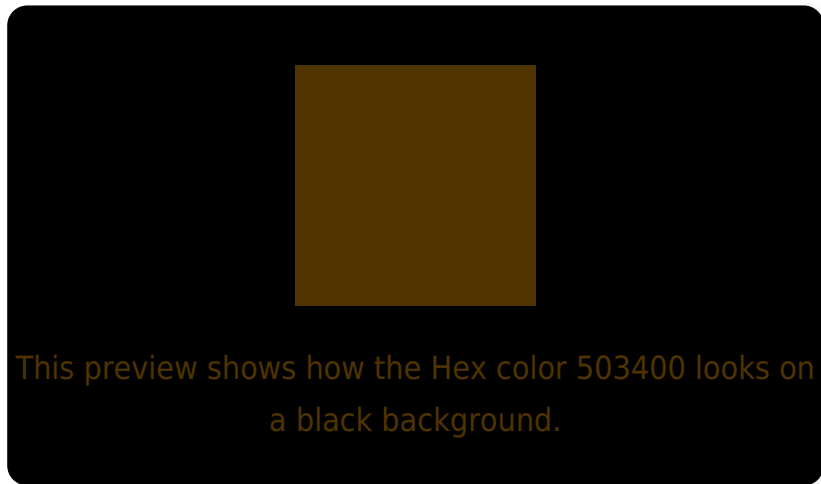
Large Text (above 18pt) WCAG AA ✓ Pass

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

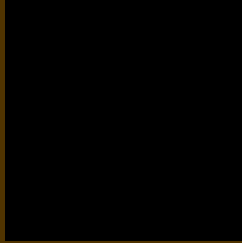
Any Text WCAG AA × Fail

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 503400 Background



This preview shows how black text looks on a background with the Hex color 503400.



This preview shows how white text looks on a background with the Hex color 503400.

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
503400

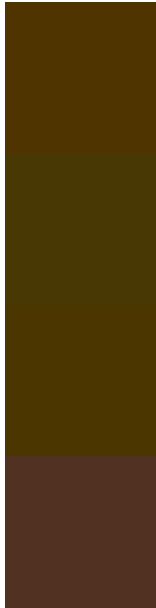
Protanopia
423A06

Deuteranopia
4A3700



Tritanopia
523034

Trichromacy



Original Color
503400

Protanomaly
473804

Deuteranomaly
4C3600

Tritanomaly
513121

Monochromacy



Original Color
503400

Achromatopsia
363636

Achromatomaly
3F3522

CSS Examples

Text

The CSS property to change the color of the text to Hex 503400 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 #503400 looks like.

```
.text, #text, p{  
    color:#503400  
}
```

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 #503400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #503400
}
```

Border

The CSS property to change the border of an element to Hex 503400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

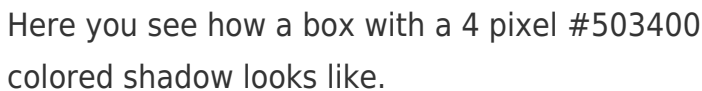
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#503400 }
```

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

```
.border{ border-color:#503400 }
```

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



Here you see how a box with a 4 pixel #503400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #503400; -webkit-box-shadow:4px 4px  
4px 4px #503400; box-shadow:4px 4px 4px  
4px #503400 }
```

Background

The CSS property to change the background color of an element to Hex 503400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#503400 }
```

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

```
.background{ background-color:#503400 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor