

Converting Colors

Hex(503103)

Have a look what the booklet for
Hex(503103) contains.

Hex(503103)	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(503103)

Conversions

Conversions Part 1

Format	Color
Hex	503103
RGB	80, 49, 3
RGB Percent	31%, 19%, 1%
CMY	0.6863, 0.8078, 0.9882
CMYK	0.00, 0.39, 0.96, 0.69
HSL	36°, 93%, 16%
HSV	36°, 96%, 31%
XYZ	4.4230, 3.9087, 0.6075
YIQ	53.0250, 33.2420, -7.7340

Conversions

Conversions Part 2

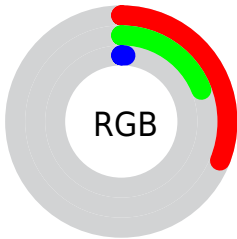
Format	Color
R_{YB}	55, 80, 3
Decimal	5255427
CIE _{Lab}	23.37, 10.16, 31.60
CIE _{LCh}	23, 33.192, 72.179
Yxy	3.9087, 0.4948, 0.4373
Android (android.graphics.Color)	4283445507 (0xFF503103)
YUV	53.0250, -24.6623, 23.6571
Hunter-Lab	19.7704, 5.3358, 12.0175

Details

The Hex color **503103** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **032250**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **855F32**, and **1F0400** is the 20% darker color. If you saturate the color by 10%, you get **503000**, and if you desaturate by 10%, it is **50340B**.

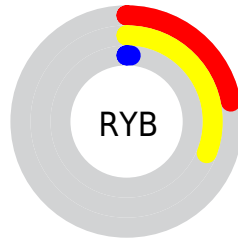
Distribution



Red (31%)

Green (19%)

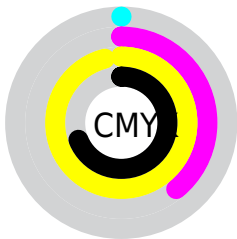
Blue (1%)



Red (22%)

Yellow (31%)

Blue (1%)

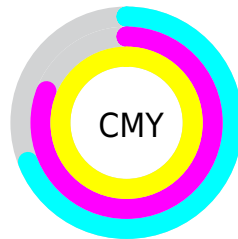


Cyan (0%)

Magenta (39%)

Yellow (96%)

Black (69%)



Cyan (69%)

Magenta (81%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 503103 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 503103 by changing the saturation by 10% instead.

 503103

 503103

 FFFFE8

 371C00

 855F32

 1F0400

 A07849

 000000

 BC9262

 D9AC7B

 F6C795

 FFE3B0

 FFFFCB

 503103

 503103

■ 503000

■ 50340B

■ 503713

■ 503B1B

■ 503E23

■ 50412B

■ 504433

■ 50483B

■ 504B43

■ 504E4B

Harmonies

Analogous

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



5F2617



503103



3B3A00

Triad

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



503103



004341



462C5D

Complementary

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



503103



032250

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.



153768



503103



004259

Square

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



503103



004228



003F67



5D2247

Rectangle

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



503103



293E08



003F67



3A3062

Sweetspot

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



503103



695C4A



500323



362E23



B5B5B5



363636

Same Dimension

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



503103



693E00



4A5003



292725



E88B00

Inverse Universe

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



032250



002A69



090350



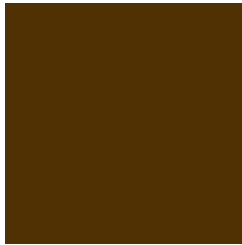
252629



005DE8

Previews

White Background



This preview shows how the Hex color 503103 looks on a white background.

Color Contrast Check

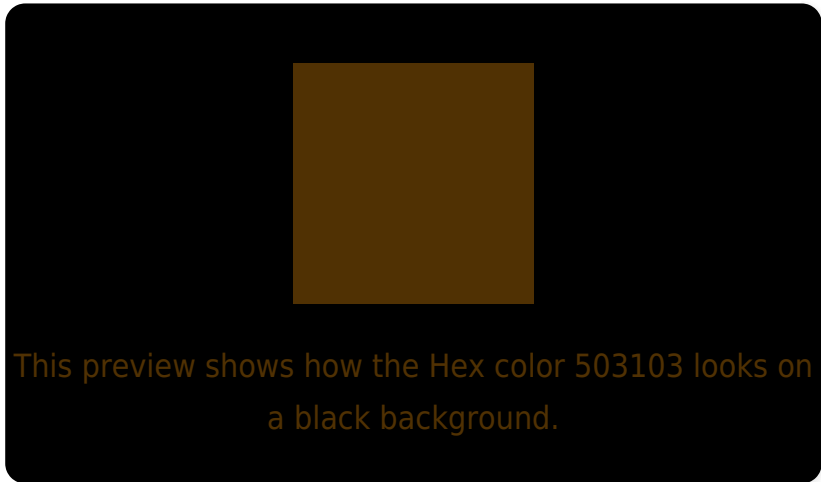
Large Text (above 18pt) WCAG AA ✓ Pass

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

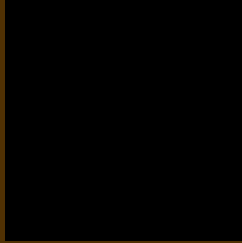
Any Text WCAG AA × Fail

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 503103 Background



This preview shows how black text looks on a background with the Hex color 503103.



This preview shows how white text looks on a background with the Hex color 503103.

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
503103

Protanopia
403807

Deuteranopia
473500



Tritanopia
522E31

Trichromacy



Original Color
503103

Protanomaly
463506

Deuteranomaly
4A3401

Tritanomaly
512F20

Monochromacy



Original Color
503103

Achromatopsia
353535

Achromatomaly
3F3423

CSS Examples

Text

The CSS property to change the color of the text to Hex 503103 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 #503103 looks like.

```
.text, #text, p{  
    color:#503103  
}
```

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 #503103 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #503103
}
```

Border

The CSS property to change the border of an element to Hex 503103 is called "border". The border property can be set on classes, ids or directly on the HTML element.

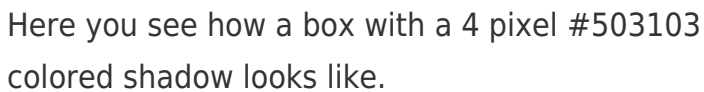
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#503103 }
```

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

```
.border{ border-color:#503103 }
```

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



Here you see how a box with a 4 pixel #503103 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #503103; -webkit-box-shadow:4px 4px  
4px 4px #503103; box-shadow:4px 4px 4px  
4px #503103 }
```

Background

The CSS property to change the background color of an element to Hex 503103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#503103 }
```

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

```
.background{ background-color:#503103 }
```

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