

Converting Colors

Hex(503B20)

Have a look what the booklet for
Hex(503B20) contains.

Hex(503B20)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(503B20)

Conversions

Conversions Part 1

Format	Color
Hex	503B20
RGB	80, 59, 32
RGB Percent	31%, 23%, 13%
CMY	0.6863, 0.7686, 0.8745
CMYK	0.00, 0.26, 0.60, 0.69
HSL	34°, 43%, 22%
HSV	34°, 60%, 31%
XYZ	5.1329, 4.9377, 2.0490
YIQ	62.2010, 21.1830, -3.9450

Conversions

Conversions Part 2

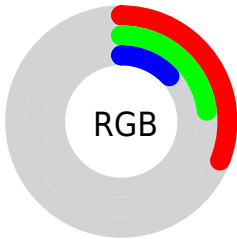
Format	Color
RYB	69, 80, 32
Decimal	5258016
CIELab	26.56, 5.56, 20.18
CIElCh	27, 20.928, 74.593
Yxy	4.9377, 0.4235, 0.4074
Android (android.graphics.Color)	4283448096 (0xFF503B20)
YUV	62.2010, -14.8891, 15.6097
Hunter-Lab	22.2209, 2.3462, 10.0874




Details

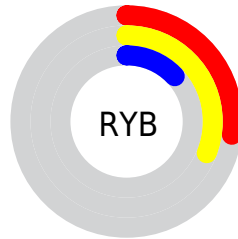
The Hex color **503B20** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **203550**, and the grayscale version is **3E3E3E**.




A 20% lighter version of the original color is **836A4D**, and **211100** is the 20% darker color. If you saturate the color by 10%, you get **503818**, and if you desaturate by 10%, it is **503F28**.

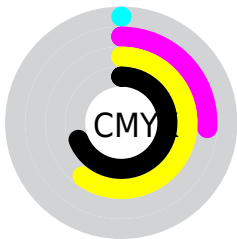
Distribution







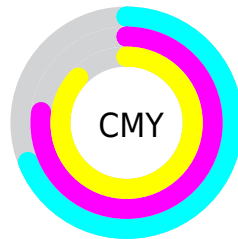
-  Red (31%)
-  Green (23%)
-  Blue (13%)






-  Red (27%)
-  Yellow (31%)
-  Blue (13%)



-  Cyan (0%)
-  Magenta (26%)
-  Yellow (60%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (77%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 503B20 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 503B20 by changing the saturation by 10% instead.

 503B20

 503B20

FFFFFF

 38250A

 836A4D

 211100

 9E8365

 000000

 B99D7E

 D5B898

 F2D4B3

 FFF0CE

 FFFFEB

 503B20

 503B20

■ 503818

■ 503F28

■ 503410

■ 504230

■ 503108

■ 504638

■ 502D00

■ 504940

■ 504D48

■ 505050

■ 505458

■ 505760

■ 505A68

Harmonies

Analogous

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



5A3629



503B20



41401F

Triad

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



503B20



004746



4A3856

Complementary

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



503B20



203550

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.



343E5E



503B20



004655

Square

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



503B20



1A4736



14435D



583348

Rectangle

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



503B20



364324



14435D



443A59

Sweetspot

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



503B20



696056



502036



36302A



B5B5B5



363636

Same Dimension

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



503B20



69481D



4E5020



292725



693B00



E88300

Inverse Universe

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



203550



1D3E69



222050



252729



002E69



0066E8

Previews

White Background



This preview shows how the Hex color 503B20 looks on a white background.

Color Contrast Check

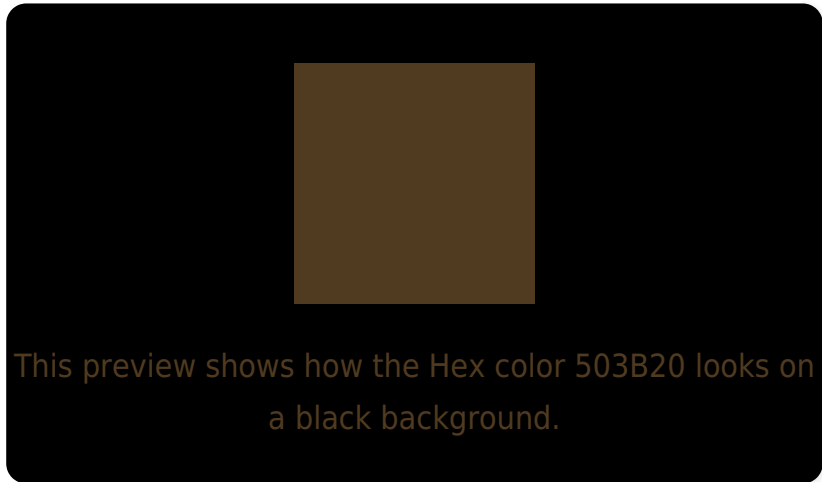
Large Text (above 18pt) WCAG AA ✓ Pass

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

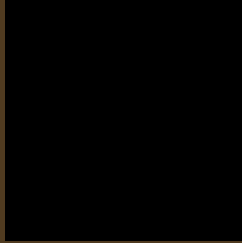
Any Text WCAG AA × Fail

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 503B20 Background



This preview shows how black text looks on a background with the Hex color 503B20.

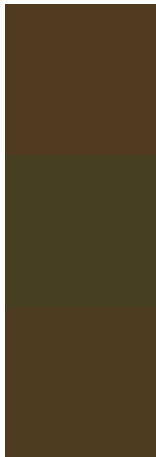


This preview shows how white text looks on a background with the Hex color 503B20.

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
503B20

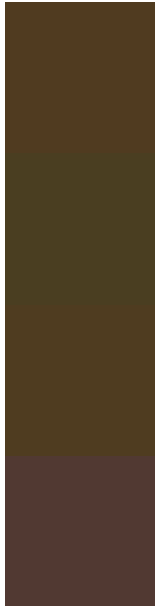
Protanopia
463F21

Deuteranopia
4E3C20



Tritanopia
52383C

Trichromacy



Original Color
503B20

Protanomaly
4A3E21

Deuteranomaly
4F3C20

Tritanomaly
513932

Monochromacy



Original Color
503B20

Achromatopsia
3E3E3E

Achromatomaly
453D33

CSS Examples

Text

The CSS property to change the color of the text to Hex 503B20 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 #503B20 looks like.

```
.text, #text, p{  
    color:#503B20  
}
```

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 #503B20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #503B20
}
```

Border

The CSS property to change the border of an element to Hex 503B20 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".

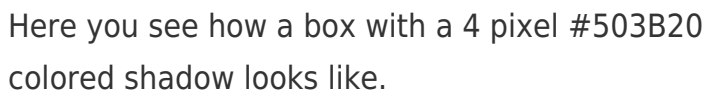
```
.border, #border, table{ border:4px solid
#503B20 }
```

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

```
.border{ border-color:#503B20 }
```

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

Here you see how a box with a 4 pixel #503B20 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #503B20; -webkit-box-shadow:4px 4px  
4px 4px #503B20; box-shadow:4px 4px 4px  
4px #503B20 }
```

Background

The CSS property to change the background color of an element to Hex 503B20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#503B20 }
```

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

```
.background{ background-color:#503B20 }
```

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